Author Index

Volume 31, January–December 2000

Aagaard, 2365
Abbruzzese E, 2740
Abciximab in Stroke Investigators, 601
Abdelnoor M, 2285
Abe H, 930
Abe K, 200
Abels C, 2282
Aboumatar S, 1792
Abumiya T, 1402
AbuRahma AF, 1566
ACAS Investigators, 2330
Ackerstaff RGA, 1335, 1817
ACROSS Group T, 1843
Adami A, 2378
Adams DC, 246
Adams HP Jr, 2519, 2741
Adams J, 1686
Adeleine P, 1561
Adraï V, 3088
Adult Morbidity Mortality Project, 3086
Adunsky A, 803
Afshar JKB, 1199
Agewall S, 1526
Aguinaldo JG, 2532
Ahmed A, 803
Ahmed E, 1289
Ahmed N, 1250
Ahmed S-H, 193, 1465, 1744
Aho K, 651
Ahonen J-P, 33
Ahuja A, 999, 2641
Akbari CM, 2740
Akiba Y, 241
Akiguchi I, 1838
Akinola A, 550
Al-Azzaz A, 1418
Albanes D, 1472, 2301
Albers GW, 347, 553, 811, 984, 998, 1001, 1796, 2597, 3087
Alberti KGMM, 3086
Alberti O, 2734
Albertini J-N, 2034
Alberts MJ, 243
Albisinni R, 1787
Albrecht KW, 800
Alderman MH, 1532
Alekseev AA, 1472
Aleksic N, 241
Alexander CN, 568
Alexandrov AV, 140, 234, 610, 915, 1128, 1204, 1204, 1812, 2024, 3080
Alger J, 1081
Algermissen C, 151, 1728
Algra A, 242, 800, 1467, 1791, 1817, 2528, 3001
Alho H, 33
Alkayed NJ, 161, 514, 738, 1694, 2272
Allen A, 1795
Allman RM, 1792
Almazán J, 1352
Almoznino-Sarafian D, 1217
Al-Mubarak N, 3079
Alon I, 1217
Alrawi A, 242
Alsop DC, 680
Altafullah IM, 1457
Altieri M, 244, 2530
Aly S, 1921
Amarenco P, 398, 1634, 3088
Amaro R, 3086
Amato M, 1104, 2426
Ament AJHA, 1046
Ameri A, 551
Anand SS, 1069, 3086
Ances BM, 955
Anders F, 998
Andersen CB, 1470
Andersen HE, 1038
Andersen HL, 553
Andersen MR, 553
Anderson BJ, 806
Anderson CS, 440, 863, 1024, 1032, 2080
Anderson DC, 1457
Anderson GB, 993, 2168, 2737
Anderson K, 2281
Anderson S, 2231
Andersson JLR, 2736
Anzini A, 2407, 2519
Aoki K, 1377
Apkon M, 2500
Appel LJ, 995, 2751
Applegate WB, 2531, 2739
Aquino-DeJesus J, 2500
Arai H, 1792
Arboix A, 82, 1200, 2281
Aretz HT, 1136
Arima H, 2616
Arimura A, 1411
Arko FR, 999
Armengou A, 2030
Armstead WM, 1990
Armstrong SB, 563
Arnesen E, 1871
Arnett DK, 2307
Arnold P, 1468
Aronen HJ, 695, 994, 3085
Aronowski J, 1144
Arora S, 996
Arrivé L, 1794
Asano T, 2245
Asano Y, 2685
Asari J, 1256
Ascherio A, 552
Aschoff A, 1201
Asher CR, 3085
Ashforth R, 993, 2168, 2737
Ashwood T, 82
ASPECTS Study Group, 2283
Asplund K, 2, 1054, 2533
Assassa RP, 886
ASSIST Investigators, 347
Atar E, 803
Atherosclerosis Risk in Communities (ARIC) Study Investigators, 241
Atkinson EJ, 1076
Atkinson J, 2531
Atkinson JLD, 2062
Atkinson RP, 2284
ATLANTIS Study Investigators, 998
Auer RN, 1203
Austin PC, 123, 1833
Avena R, 996
Avino AJ, 245
Awad IA, 834, 1200, 2534, 2742
Ay H, 2735
Aydogdu I, 1370
Ayoub IA, 1679
Azzouz M, 1418

Baba S, 2958
Babacan SS, 554
Babikian VL, 1335, 1799, 1897
Bacchetta A, 2266
Back MR, 245
Back T, 1793, 2901
Badimon JJ, 2282, 2532
Badimon L, 2282
Baethmann A, 2282
Baezner H, 554
Baglini R, 2284
Baik JS, 1111
Baima C, 3064
Baird A, 2385
Baker RI, 1069
Baker WH, 2330
Bakheit AMO, 2402
Bakoun M, 803
Balbarini A, 2284
Baldassarre D, 1104, 2426
Baldasserini CM, 246
Baldwin CT, 487
Balériaux D, 2734
Ballotta E, 1797, 2740
Baloglu H, 552, 1467
Bamford JM, 2530
Bandyk DF, 245
Bannwart F, 2002
Baptista MV, 241
Baracchini C, 2740, 2942
Barat M, 1829
Barba R, 1494
Barber PA, 233, 610, 1468, 2270, 2283
Bardenheuer HJ, 1789
Barinagarrementeria F, 2197
Barker DJP, 869
Barker PB, 726
Barnett HJM, 128, 631, 1205, 2037, 2636, 2734
Baron J-C, 984
Barr W, 355
Bartalesi F, 882, 2269
Barth A, 1824
Barthel H, 1545
Bartholomew LK, 1925
Bartoloni A, 882, 2269
Bashkatova VG, 1472
Baskaya MK, 801
Basnyat B, 2314
Bassetti C, 539, 1459
Bastianello S, 1785
Basun H, 53
Bates VE, 370, 1796
Bath FJ, 1770
Bath PMW, 1770
Bauder H, 1210
Bauer B, 366
Bauer R, 3087
Baughman VL, 2532
Bauhuf C, 1195
Baumann FG, 555
Baumgartner RW, 1733
Bavbek M, 2528
Bavinzski G, 550
Bazzano LA, 995
Bazzarre TL, 2751
Beauchamp NJ, 726
Beaulieu C, 244, 553, 2597
Beccia M, 2407
Becher H, 1661
Beck H, 804
Becker R, 2734
Beckerman H PT, 2396
Beckford A, 383
Beckman J, 2920
Beckman JS, 1744, 1981
Bederson JB, 841, 2734, 2742
Behringer W, 86
Behrman A, 1360
Beilby JP, 3015
Belden JR, 241
Bell JE, 2117
Bell PRF, 40
Bell R, 1796
Benavente O, 555
Bendszus M, 804
Benecke R, 2402
Benes L, 2734
Benthin G, 1269
Bereczki D, 2532, 2719
Bergamasco B, 3064
Berge E, 2285
Berger E, 2736
Berguer R, 1472
Bergui M, 3064
Berkelbach van der Sprenkel JW, 1467
Berliner JA, 534
Berman SS, 1205
Bernardi G, 766
Bernardini GL, 2346
Bernotas G, 2029
Berr C, 2736
Berré J, 2034
Berrouschot J, 1545
Bertalanffy H, 2734
Bertasio B, 2534
Bertel O, 2002
Berthet K, 398
Berthezène Y, 1561
Bertini D, 235
Bertsch T, 2208, 2971
Berwaerts J, 2558
Best J, 1509
Beven EG, 556
Bhalla A, 2043
Bhardwaj A, 841, 976, 1694, 1793
Bhatnagar R, 355
Bhatt DL, 3084

Author Index

Volume 31, January–December 2000

Aagaard, 2365
Abbruzzese E, 2740
Abciximab in Stroke Investigators, 601
Abdelnoor M, 2285
Abe H, 930
Abe K, 200
Abels C, 2282
Aboumatar S, 1792
Abumiya T, 1402
AbuRahma AF, 1566
ACAS Investigators, 2330
Ackerstaff RGA, 1335, 1817
ACROSS Group T, 1843
Adami A, 2378
Adams DC, 246
Adams HP Jr, 2519, 2741
Adams J, 1686
Adeleine P, 1561
Adraï V, 3088
Adult Morbidity Mortality Project, 3086
Adunsky A, 803
Afshar JKB, 1199
Agewall S, 1526
Aguinaldo JG, 2532
Ahmed A, 803
Ahmed E, 1289
Ahmed N, 1250
Ahmed S-H, 193, 1465, 1744
Aho K, 651
Ahonen J-P, 33
Ahuja A, 999, 2641
Akbari CM, 2740
Akiba Y, 241
Akiguchi I, 1838
Akinola A, 550
Al-Azzaz A, 1418
Albanes D, 1472, 2301
Albers GW, 347, 553, 811, 984, 998, 1001, 1796, 2597, 3087
Alberti KGMM, 3086
Alberti O, 2734
Albertini J-N, 2034
Alberts MJ, 243
Albisinni R, 1787
Albrecht KW, 800
Alderman MH, 1532
Alekseev AA, 1472
Aleksic N, 241
Alexander CN, 568
Alexandrov AV, 140, 234, 610, 915, 1128, 1204, 1204, 1812, 2024, 3080
Alger J, 1081
Algermissen C, 151, 1728
Algra A, 242, 800, 1467, 1791, 1817, 2528, 3001
Alho H, 33
Alkayed NJ, 161, 514, 738, 1694, 2272
Allen A, 1795
Allman RM, 1792
Almazán J, 1352
Almoznino-Sarafian D, 1217
Al-Mubarak N, 3079
Alon I, 1217
Alrawi A, 242
Alsop DC, 680
Altafullah IM, 1457
Altieri M, 244, 2530
Aly S, 1921
Amarenco P, 398, 1634, 3088
Amaro R, 3086
Amato M, 1104, 2426
Ament AJHA, 1046
Ameri A, 551
Anand SS, 1069, 3086
Ances BM, 955
Anders F, 998
Andersen CB, 1470
Andersen HE, 1038
Andersen HL, 553
Andersen MR, 553
Anderson BJ, 806
Anderson CS, 440, 863, 1024, 1032, 2080
Anderson DC, 1457
Anderson GB, 993, 2168, 2737
Anderson K, 2281
Anderson S, 2231
Andersson JLR, 2736
Anzini A, 2407, 2519
Aoki K, 1377
Apkon M, 2500
Appel LJ, 995, 2751
Applegate WB, 2531, 2739
Aquino-DeJesus J, 2500
Arai H, 1792
Arboix A, 82, 1200, 2281
Aretz HT, 1136
Arima H, 2616
Arimura A, 1411
Arko FR, 999
Armengou A, 2030
Armstead WM, 1990
Armstrong SB, 563
Arnesen E, 1871
Arnett DK, 2307
Arnold P, 1468
Aronen HJ, 695, 994, 3085
Aronowski J, 1144
Arora S, 996
Arrivé L, 1794
Asano T, 2245
Asano Y, 2685
Asari J, 1256
Ascherio A, 552
Aschoff A, 1201
Asher CR, 3085
Ashforth R, 993, 2168, 2737
Ashwood T, 82
ASPECTS Study Group, 2283
Asplund K, 2, 1054, 2533
Assassa RP, 886
ASSIST Investigators, 347
Atar E, 803
Atherosclerosis Risk in Communities (ARIC) Study Investigators, 241
Atkinson EJ, 1076
Atkinson J, 2531
Atkinson JLD, 2062
Atkinson RP, 2284
ATLANTIS Study Investigators, 998
Auer RN, 1203
Austin PC, 123, 1833
Avena R, 996
Avino AJ, 245
Awad IA, 834, 1200, 2534, 2742
Ay H, 2735
Aydogdu I, 1370
Ayoub IA, 1679
Azzouz M, 1418

Baba S, 2958
Babacan SS, 554
Babikian VL, 1335, 1799, 1897
Bacchetta A, 2266
Back MR, 245
Back T, 1793, 2901
Badimon JJ, 2282, 2532
Badimon L, 2282
Baethmann A, 2282
Baezner H, 554
Baglini R, 2284
Baik JS, 1111
Baima C, 3064
Baird A, 2385
Baker RI, 1069
Baker WH, 2330
Bakheit AMO, 2402
Bakoun M, 803
Balbarini A, 2284
Baldassarre D, 1104, 2426
Baldasserini CM, 246
Baldwin CT, 487
Balériaux D, 2734
Ballotta E, 1797, 2740
Baloglu H, 552, 1467
Bamford JM, 2530
Bandyk DF, 245
Bannwart F, 2002
Baptista MV, 241
Baracchini C, 2740, 2942
Barat M, 1829
Barba R, 1494
Barber PA, 233, 610, 1468, 2270, 2283
Bardenheuer HJ, 1789
Barinagarrementeria F, 2197
Barker DJP, 869
Barker PB, 726
Barnett HJM, 128, 631, 1205, 2037, 2636, 2734
Baron J-C, 984
Barr W, 355
Bartalesi F, 882, 2269
Barth A, 1824
Barthel H, 1545
Bartholomew LK, 1925
Bartoloni A, 882, 2269
Bashkatova VG, 1472
Baskaya MK, 801
Basnyat B, 2314
Bassetti C, 539, 1459
Bastianello S, 1785
Basun H, 53
Bates VE, 370, 1796
Bath FJ, 1770
Bath PMW, 1770
Bauder H, 1210
Bauer B, 366
Bauer R, 3087
Baughman VL, 2532
Bauhuf C, 1195
Baumann FG, 555
Baumgartner RW, 1733
Bavbek M, 2528
Bavinzski G, 550
Bazzano LA, 995
Bazzarre TL, 2751
Beauchamp NJ, 726
Beaulieu C, 244, 553, 2597
Beccia M, 2407
Becher H, 1661
Beck H, 804
Becker R, 2734
Beckerman H PT, 2396
Beckford A, 383
Beckman J, 2920
Beckman JS, 1744, 1981
Bederson JB, 841, 2734, 2742
Behringer W, 86
Behrman A, 1360
Beilby JP, 3015
Belden JR, 241
Bell JE, 2117
Bell PRF, 40
Bell R, 1796
Benavente O, 555
Bendszus M, 804
Benecke R, 2402
Benes L, 2734
Benthin G, 1269
Bereczki D, 2532, 2719
Bergamasco B, 3064
Berge E, 2285
Berger E, 2736
Berguer R, 1472
Bergui M, 3064
Berkelbach van der Sprenkel JW, 1467
Berliner JA, 534
Berman SS, 1205
Bernardi G, 766
Bernardini GL, 2346
Bernotas G, 2029
Berr C, 2736
Berré J, 2034
Berrouschot J, 1545
Bertalanffy H, 2734
Bertasio B, 2534
Bertel O, 2002
Berthet K, 398
Berthezène Y, 1561
Bertini D, 235
Bertsch T, 2208, 2971
Berwaerts J, 2558
Best J, 1509
Beven EG, 556
Bhalla A, 2043
Bhardwaj A, 841, 976, 1694, 1793
Bhatnagar R, 355
Bhatt DL, 3084

Bickel C, 2127
Bigelow C, 2163
Billa RF, 3084
Biller J, 1013, 2517, 2732
Binder JR, 370
Bini A, 243
Biniek R, 1796
Biondi A, 2528
Biousse V, 551, 1794
Bishop CC, 1921
Björkegren K, 1204
Blaauw G, 1046
Blacher J, 782
Black HR, 1792
Black SE, 637
Blacker D, 3080
Blair SN, 2282
Blaivas M, 242
Blake MJ, 1795, 2895
Blamire AM, 672
Bland ST, 1144
Blane A, 1509
Blankenberg FG, 2692
Blankenberg S, 2127
Blankensteijn, 3021
Blann AD, 828
Blasco J, 792
Blauw GJ, 805, 2031
Blomstrand C, 2569, 2578
Bocola V, 238
Boden-Albala B, 456, 2346
Boechler M, 822
Boerwinkle E, 2098
Bogousslavsky J, 241, 244, 1468, 1469, 2030, 2530, 2738, 3085
Böhm M, 2442
Bohr DF, 2531
Boissel JP, 1555
Bolay H, 1974
Bollen ELEM, 805
Boman K, 26
Bønaa KH, 574, 998, 1602, 1871
Bondar RL, 1672
Bondioli A, 1104, 2426
Bonita R, 440, 1054
Bonithon-Kopp C, 2736
Bonsel GJ, 800
Borchelt M, 2736
Bordet R, 1465
Borgioli F, 235
Bornstein NM, 801, 892, 990, 991
Borowsky LH, 1202
Borsody MK, 2149
Borssén B, 1572
Bos G, 2610
Bosch A, 2314
Boscherini D, 3084
Bossuyt PMM, 800
Bosworth HB, 2603
Bots ML, 1201
Boulis NM, 805
Bouma BN, 1205
Bourdeau A, 2653
Bourque F, 1856
Bousser M-G, 398, 551, 1904
Bousson V, 1794
Bouter LM, 988, 2032, 2396, 2431
Boutitie F, 1555
Bova I, 990, 991
Boyajian RA, 1197, 2277
Bozzao L, 1785
Brach S, 1230
Bragoni M, 2739
Branchereau A, 2034
Brandt T, 1935
Brass LM, 415, 456, 1802
Brauer DJ, 1457
Bregnocchi M, 2295
Brenner M, 2737
Brenton M, 2741
Breteler MMB, 425, 1201
Bretschneider T, 2275
Brettle RD, 2117
Brich J, 245
Briley DP, 997
Brinker T, 804
Brittain KR, 886
Broad JB, 440
Broadhurst RJ, 863, 2080
Brockstedt S, 244
Broderick JP, 596, 791, 795, 2335, 2552
Brody JD, 997
Brook RJ, 1199
Brott TG, 596, 791, 1076, 2335, 2742
Brovkovych V, 2531
Brown A, 1038
Brown J, 1795
Brown MM, 793, 794, 1329
Brown RD Jr, 806, 1062, 1076, 1457
Brown WR, 707
Bruijn CH, 2670
Brunereau L, 1203, 1794
Brunner J, 2971
Bruno G, 800
Bryan RM Jr, 533, 961
Bryan RN, 802
Buchan AM, 176, 237, 803, 1468, 2283
Buchholz G, 550
Buck D, 2004, 3082
Buckely BM, 805
Buckley CJ, 999
Bude RO, 1795
Budka H, 1838
Büller HR, 1205, 2740
Bullock R, 841
Bültemeier G, 1794
Buonanno FS, 2735
Burdette JH, 553
Burger R, 804
Burgin WS, 610, 915, 1128, 1812
Burt RW, 554
Burvill PW, 2080
Busch E, 1793
Bush HL Jr, 999
Bushnell CD, 3067
Buskens E, 800, 2976
Butler WE, 1468
Buttery J, 1016
Buttitta F, 2284
Büttner T, 1460
Buys PC, 800
Byrd JC, 2966
Byun HS, 997

Cabello A, 2032
Cacabelos P, 2030
Caimi G, 1578
Calabresi P, 766
Calandre L, 2032
Callahan F, 999
Caltagirone C, 805, 2030, 2739
Cambien F, 1634
Camel GH, 1792
Cameron JI, 3081
Campbell DR, 2740
Campbell MS, 95
Candelise L, 1555, 1785
Caner H, 2528
Canino B, 1578
Cantelmo NL, 1799
Cantú C, 2197
Cao P, 1473
Capdeville-Atkinson C, 2531
Caplan L, 1472, 2011
Caplan LR, 241, 1090, 2385
CAPRIE investigators, 3084
Carallo C, 804
Carano RAD, 1202
Carey BJ, 2895
Carey N, 2930
Carhuapoma JR, 726, 841
Carleton RA, 875
Carlton J, 1016
Carmant L, 1201
Carmelli D, 1795
Carmody BJ, 996
Caro JJ, 582
Carod-Artal J, 2995
Carolei A, 2533
Carollo C, 1578
Caroselli, C, 2742
Carpenter DA, 1469
Carpenter DL, 2283
Carrington D, 243
Carroll J, 1179
Carrozzella J, 2552
Carter AM, 2530
Cartoni D, 2407
Caruso G, 3084
Casasco A, 2528
CAST IST Collaborative Groups, 1240
Castellanos M, 2738
Castillo J, 852, 2030, 2325
Castillo-Richmond A, 568
Castleden CM, 886
Catto AJ, 2530
Cauraugh J, 1360
Cecchetti R, 2295
Cees de Groot J, 425
Celermajer DS, 552
Centonze D, 766
Cepaitis Z, 1588
Cerbone AM, 1787
Cercek B, 803, 3087
Cerrato P, 3064
Cervene Stroke Study Investigators, 1234
Chabriat H, 1904
Chachashvily S, 1217
Chalela JA, 680, 1459
Challa VR, 707
Chambless LE, 2031
Chamorro A, 792, 2103, 2325
Chan C, 2285
Chan PH, 1708, 1714, 1952, 2032, 2450, 2713
Chan S, 1792
Chan W, 1925
Chan YL, 2530, 2641
Chandler WL, 549, 800
Chang D-I, 1742
Chang K-H, 688
Chang M-C, 2354
Chang Y, 2533, 2735
Chao C-L, 2907
Chao DL, 2282
Chapman DF, 1953, 3034
Chapman J, 990, 991
Chapman KM, 2920
Chaturvedi S, 983, 2037, 2534
Chaves CJ, 1090, 2385
Chavot D, 2736
Chédru F, 1634, 3088
Chemtob S, 516
Chen S-W, 1744
Chen Y-W, 701
Chen ZM, 1240
Cheng C, 1179
Cheng S-P, 2354
Cherubini A, 990, 2295
Chesebro JH, 2282, 2532
Chesler DA, 1097
Cheung RTF, 235, 793, 1785, 2025, 2272, 2518
Chiang VLS, 1200
Chiesa R, 1473
Childhood Stroke Study Group, 2437
Chillon J-M, 2531
Chippendale T, 2284
Chiti E, 235
Choi DW, 2707
Choi-Kwon S, 2030
Chong A, 169
Chook P, 552
Chopp M, 1202
Choudhri TF, 246, 3047, 3054
Chow K, 1420
Chowdhury AH, 1299
Christensen K, 1467
Christoph A, 151, 1728
Christou I, 140, 610, 915, 1128, 1204, 1812
Chukwudelunzu FE, 1076
Chyatte D, 800, 2742
Chyu K-Y, 3087
Ciacci G, 1538
Ciccone A, 1785
Ciccone M, 2284
Cikrit DF, 554
Cipolla MJ, 940
Cipollo CL, 2034
Ciuffetti G, 802
Claassen L, 151
Claesson L, 2569, 2578
Clark CA, 1904
Clark M, 1024, 1032
Clark R, 1793
Clark WM, 550, 811, 940, 998, 999, 1234, 1715, 1796
CLASS (CLomethiazole Acute Stroke Study) Group, 82
Claus EB, 1200
Clegg LX, 2031
Clemens JA, 1693
Cleveland TJ, 848, 2276, 2276
Clifton A, 793, 794
Cobbe SM, 805
Cocuzza V, 882
Cohen A, 398
Cohen N, 1217
Colbourne F, 176, 237
Cole GM, 2032
Coles KA, 551
Coley SC, 1795
Colier WNJM, 1608, 1615
Collaborators of the EVEREST Study Group, 1473
Coller BS, 2282
Collin C, 2402
Collins C, 2966

Collins R, 1240
Colly LP, 2740
Colonnese C, 2407
Colven RM, 543
Connolly ES Jr, 246, 3047, 3054
Connor MD, 2117
Connors AF Jr, 448
Connors JJ III, 246
Conrad B, 3085
Constantine RC, 656
Cook R, 568
Cooley D, 2034
Cooper LS, 241
Copeland BR, 1402
Copeland D, 2346
Copen WA, 244
Copin J-C, 2450
Coplin WM, 549, 800
Coppi G, 1473
Coppola A, 1787
Corder EH, 53, 1467, 2431
Cornu C, 1555
Cornu P, 2175
Cortens M, 2543
Cortese C, 804
Corvin S, 2282
Cosby K, 996
Coste J, 2735
Côté R, 1016, 1856
Coull BM, 1153
Counsell C, 1240
Couper DJ, 2307
Courbon D, 2736
Coutard M, 2678
Covalt JL, 243
Cox TCS, 804
Crain BJ, 738, 1694, 1939
Cramer SC, 668
Crawley F, 1329
Crescenzo A, 804
Crespigny A, 2692
Cromheecke ME, 2740
Crowther M, 40
Crozier S, 2175
Cruysberg JRM, 2734
Császár A, 2648
Csiba L, 1123, 1346, 2532
Culliford AT, 555
Cullinane M, 1335
Cupples LA, 487
Curvers J, 1205
Cushman WC, 2531
Członkowska A, 802

Da Giau G, 1797, 2740
Daffertshofer M, 554, 1471
Dalkara T, 1974
Dallosso H, 886
Dalsing MC, 554
Daly RC, 806
Dambinova SA, 1472
Dangas G, 2282, 2534
Daniels SR, 2751
Danielson GK, 806
Darby DG, 233, 2270
D'Arceuil H, 2692
Dashe J, 1090, 2385
Dastidar P, 33
Date C, 1299, 2287
Dávalos A, 852, 2030, 2325, 2738
Davel D, 1294
d'Avella D, 3084
Davenport J, 1457
David CA, 240
David M, 1201
David P, 2734
Davies AH, 774, 1439, 2930
Davis B, 1792
Davis BR, 2739
Davis D, 554
Davis PH, 242
Davis SM, 233, 347, 2270, 2533
Davis TL, 244
Dawson JD, 242
Dawson SL, 463, 1795
Dawson TM, 2685
Dawson VL, 2685
Day AL, 745
Dayno JM, 370
de Boer A, 420
De Caro R, 1187
De Castro S, 2407
Deckelbaum RJ, 2751
de Courten-Meyers GM, 795
de Crespigny A, 244, 553, 1965
De Deyn PP, 1762
De Franceschi MS, 804
de Freitas GR, 2030, 2530
de Koning I, 1502
de Koning P, 2396
de Leeuw F-E, 425
de Mol BJM, 2740
de Pablo P, 2197
de Pedro-Cuesta J, 1352
De Rango P, 1473
De Salles AAF, 2466
De Stefano V, 1787
de Veber G, 1201
de Weerd AW, 2033
Dean D, 2529
Dearani JA, 806
Deary IJ, 2281
DeCarli C, 1795
Deckelbaum RJ, 2751
Deeg DJH, 2431
DeGiovanni GM, 2149
Deinsberger W, 3088
Deitch JS, 999
Dekker JHM, 2032, 2396
Del Bigio MR, 1721
Del Ser T, 1494
Del Sette M, 631
del Zoppo GJ, 1402, 1742
Delanty N, 989
DeLaPaz RL, 656, 3054
Delavelle J, 1766
Delong D, 243
Delport R, 1294
Deluca AJ, 1204
Demas GE, 738
Demchuk AM, 140, 610, 915, 1128, 1204, 1468, 1925, 2033, 2283
Demir-Akman G, 801
Demirkaya S, 2273
Démolis P, 508
Dempsey RJ, 1202
Dennis MS, 714, 803, 1200, 2134, 2281
Deplanque D, 1465
Derby CA, 875
Derdeyn CP, 1469, 2271, 2283
Derex L, 791
Derugin N, 1752
Desai S, 800
Desfaits A-C, 498
Desmond DW, 1792
DeStefano AL, 487
Detre JA, 680, 955
Devanesen S, 3086
Deverson ST, 476
DeVries AC, 976, 1939
Devuyst G, 2030, 2738, 3085
Dewey HM, 801, 2087
Dhanjil S, 2189
Di Bari M, 2531
Di Gianfilippo G, 238
di Iorio A, 2295
Di Mascio R, 1796
Di Napoli M, 238
Di Tullio MR, 1468
DIAS (Duplex Sonography in Acute Stroke) Study Group, 2342
Dick F, 1223
Dickerman RD, 2739
Didion SP, 760
Diener HC, 347, 2533, 2543
Dietrich HH, 2507
Dietrich WD, 213, 960, 1761, 1989, 2250
Díez-Tejedor E, 82
Dijkhuizen RS, 2558
Dik MG, 2431
Dimakakos PB B Arapoglou, 544
Dimayuga P, 3087
Dinesen B, 2936
Ding L, 355
Ding XP, 996
Dippel DWJ, 1502
Diringer MN, 1702
Dirnagl U, 2272, 2442
Dittrich R, 1335
Dix J, 2283
Djouhri H, 1794
Dobrucki LW, 2531
Docampo MM, 2033
Dogan A, 1202
Doggette AL, 822
Donaldson N, 2284
Donders RCJM, 2738
Dong P, 1420
Donnan GA, 801, 1555, 2087
Dormont D, 2175, 2528, 3080
Dowd CF, 100, 3029
Dromerick AW, 2984
Droste DW, 920, 998, 1123, 1335, 1640, 2278
Dubois M-F, 1487
Duchesne I, 582
Ducimetière P, 2736
Duckles SP, 744, 1178
Duckwiler GR, 241
Duldner JE, 596
Dunbabin DW, 1779
Duncan JR, 440
Duncan PW, 1429
Dundas R, 469, 1877, 2043, 2074
Durieux M, 2528
Duval D, 989
Dyken ML, 1208
Dylewski DA, 2033

Eames PJ, 2895
East JW, 2739
Ebert AD, 645
Ebert PL, 637
Ebmeier KP, 1509
Ebrahim S, 1882
Eckel RH, 2751
Eckenstein F, 1715
Eckstein M, 71
Economopoulos KJ, 1205
Ede B, 2034
Edén E, 901
Edmunds E, 2273
Edwards DF, 2984
Edwards LJ, 563, 2603
Edwards MT, 805
Egan R, 550
Egido JA, 2995
Eigenbrodt ML, 2307
Eigenthaler M, 245
Eikelboom JW, 1069
Ekeberg G, 2989
Elbaz A, 1634, 3088
Eldor A, 892
Elghozi J-L, 1791
Eliasson M, 2936
Eliasziw M, 128, 631, 1205, 2037, 2636, 2734
Elkind MSV, 1521
Ellekjær E, 14
Ellekjær H, 14
Ellerbeck EF, 2741
Elliott PJ, 1686
Ellis EF, 525
Elneihourn AM, 1793
El-Sabrout R, 2034
Elster AD, 553
Emerson R, 3054
Enblad P, 2736
Endres M, 2442
Engelborghs S, 1762
Engelhorn T, 244, 2692
Engstad T, 1602
Engström G, 2925
Enriquez-Sarano M, 243
Eras MA, 1202
Erb P, 554
Erberich SG, 996
Erbguth FJ, 2268
Erdem T, 1467
Erdman JW Jr, 2751
Erhardtsen E, 553
Ericsson A, 244
Eriksen K, 1038
Eriksson JG, 869
Erkinjuntti T, 695, 994, 2952, 3085
Ermani M, 2942
Ermert H, 1460
Ernst R, 2552
Ertekin C, 1370
Espinola-Klein C, 2127
Espinosa R, 2197
Estrada CA, 2966
Etani H, 2203
European Carotid Surgery Trialists' Collaborative Group, 615, 622
European Registries of Stroke (EROS) Collaboration, 2074
Evans A, 2106
Evans DH, 476
Evans G, 2031
Evenson KR, 2591
Evers SMAA, 1046

Fagerberg B, 1526, 2569, 2578
Fainshtein P, 801
Falke P, 1793
Fallon JT, 2282, 2532
Fang J, 1532
Fann C, 1792

Faraci FM, 199, 760, 982, 2492, 2706
Faragher EB, 2529
Farrer LA, 487
Faßbender K, 2208, 2971
Fassot C, 1791
Fatar M, 2208
Faulstich A, 2361
Faxon DP, 1
Fayad PB, 834
Fayad ZA, 2532
Fazekas F, 2665
Feasby TE, 1468
Fedele F, 2407
Federlein J, 1460
Feeney DM, 1151
Feigin VL, 9
Feinglass J, 2741
Feinsod M, 118
Fekete I, 2719
Felberg RA, 140, 610, 915, 1128, 1204, 1812, 1925
Feldman HA, 875
Feng JZ, 552
Fenstermacher JD, 946, 2707, 3087
Ferdinandy R, 2168
Fernandes do Prado G, 2719
Fernandes HM, 791, 2511
Fernandez-Real JM, 2030
Ferrara F, 1578
Ferrer JME, 2033
Ferriero DM, 1752
Fessler RD, 549
Feuerstein GZ, 773, 3053
Feugier P, 1561
Fiala A, 3088
Fiebach JB, 1318
Fields WS, 2739
Fieschi C, 2407
Findlay JM, 993, 2168, 2737
Fine JS, 549, 800
Fink GR, 1311
Fink ME, 383
Finklestein SP, 668, 1417, 2217
Fiorelli M, 1785, 2407
Firlik AD, 246
Fishbein MC, 3087
Fisher J, 404
Fisher M, 946, 984, 1202, 1471, 1709, 1973, 2243, 2494, 3087
Fiss I, 554
Fitridge R, 1402
Fjærtoft H, 2989
Flaker GC, 822
Flitney D, 672
Flooh E, 2665
Florence G, 508
Flynn LM, 1472
Flynn TC, 555
Fogelholm R, 1472
Folsom AR, 241, 2031
Foo B, 662
Forberg E, 2534
Forbes S, 863, 2080
Forchhammer BH, 1038
Ford ES, 2031
Ford G, 2004, 2543
Ford I, 805
Fornage M, 2098
Forsén T, 869
Fortune G, 822
Fox AJ, 128, 631, 1205, 2734
Fox KAA, 1509
Frank JI, 1796
Franke C, 2236
Frankel M, 2335
Franse LV, 2531
Franz D, 1472
Frass M, 86
Fratiglioni L, 53
Freeman EJ, 801
French Society of Neurosurgery, 1203
French Study Group on Stroke in Pregnancy, 2735
Freund H-J, 1311
Friberg P, 901, 1791
Fried LP, 802
Frietsch T, 1393
Frishman WH, 1204
Fritcher S, 999
Fritsch SM, 1469, 2283
Fritz H, 3087
Fritzinger M, 2971
Frölich M, 2031
Froment J-C, 1561
Frykholm P, 2736
Fujii T, 61
Fujimoto M, 2280
Fujimura M, 2032
Fujioka M, 797, 3082
Fujishima M, 155, 2487, 2616, 2738
Fujita K, 994
Fukuda H, 996
Fukuda K, 155, 2738
Fukui M, 930, 2029
Fukui S, 2737
Fukuuchi Y, 493, 936, 2661, 2739
Fukuyama H, 1203, 1515
Fukuzawa M, 2049
Fülesdi B, 1346, 2532
Furlan AJ, 999, 1386, 1451, 1796
Furukawa S, 2203
Füst G, 2648
Fuster V, 2282, 2532
Fustinoni O, 1013, 2517, 2732
Futrell N, 2284

Gaffney J, 1863
Gage BF, 822, 2266
Gagnon M, 1897
Gailloud P, 1795
GAIN International Investigators, 2533
Gaines PA, 848, 2276, 2276
Gaist D, 1467
Galanaud D, 3080
Galazky I, 645
Galeote J, 2268
Gamboa H, 882, 2269
Gandhi R, 2563
Garcia-Eroles L, 1200, 2281
Garvey L, 1469
Garwacki DJ, 77
Gass A, 2901
Gavras H, 487
Gavras I, 487
Gaw A, 805
Gayton D, 1016
Gebel JM, 596
Geiger J, 245
Geijer B, 244
GÉNIC Investigators, 1634, 3088
Gent M, 456, 999
Gentile AT, 1205
Georgilis K, 1791
Geraghty JJ, 805
Germanò A, 3084
Gerriets T, 554, 2342
Gerstein H, 3086
Gertz K, 2442
Ghadge G, 2280
Ghika J, 2738
Giannico G, 235
Gibbons GW, 2740
Gibbons LW, 2282
Gibbs RGJ, 2930
Gibson R, 615
Gidday JM, 2218, 2707
Gilbertson L, 1795
Giles WH, 2031
Gillum RF, 19
Gindin TS, 554
Giordano G, 1473
Giraudo M, 3064
Giri BK, 961
Giroud M, 2074
Gitel S, 1283
Giudicelli J-F, 508
Giuffrida S, 882, 2269
Gjedde A, 1958
Glabus MF, 1509
Glagov S, 553
Gloviczki P, 968
Gluckman PD, 1793
Gnarpe H, 1526
Gnarpe J, 1526
Gnasso A, 804
Go AS, 1202
Gobeil F Jr, 516
Gobin YP, 241, 1420
Godbold JH, 551, 1203
Goertler M, 2342
Goh KYC, 2285
Goins S, 550
Goldberg IJ, 2751
Goldberg MP, 1744
Goldman ME, 551, 1203, 2532
Goldstein LB, 66, 3067
Golledge J, 774, 1439, 2523, 3079
Gomez CR, 95
Gomez-Escalonilla C, 2032
Gonda T, 1472
Gonzales ER, 2218, 2707
González JL, 2995
Gonzalez LA, 2385
Gonzalez RG, 244, 2735
Gonzalez-Atavales JB, 680
Goodall S, 40
Gora F, 924
Gorelik O, 1217
Gorissen A, 800
Gorman MJ, 370
Gorter JW, 242
Gosman-Hedström G, 2569, 2578
Goto S, 738
Gotoh F, 2739
Goussev A, 1202
Graeb D, 2920
Graham DI, 2032
Grant PJ, 2530
Grasso M, 3064
Grau M, 2032
Gray CS, 232
Grayston JT, 1521
Greebe P, 800
Greenberg JH, 955
Greenhalgh RM, 774, 1439, 2930
Gregory G, 1752
Gregson BA, 791, 2511
Gregson JM, 2529
Greinacher A, 1796
Griffiths PD, 848, 2276, 2276
Grimm RA, 3085
Groff J, 1925
Grond J, 3001, 3021
Grond M, 133, 366, 1552, 2715
Grond-Ginsbach C, 1935
Grosset DG, 907, 1335
Grossi E, 555
Grossman E, 82
Grossmann WM, 1470
Grotta JC, 140, 232, 234, 610, 915, 1128, 1144, 1204, 1812, 1925, 2024, 2335, 2543
Grubb NR, 1509
Grubb RL Jr, 1469, 2283
Gruber A, 550
Gruberg L, 2534
Grude M, 1640
Grund SL, 2741
Guan J, 1793
Guidolin D, 1187
Guillon B, 1794
Guize L, 398
Gunn AJ, 1793
Gunning MI, 1793
Günther G, 2437
Guo Z, 53
Gur AY, 801
Guralnik JM, 2739
Gürsoy-Özdemir Y, 1974
Gurwitz JH, 1802
Gurza A, 2197
Guseve EI, 1472
Gussekloo J, 2031
Gustafson Y, 1572
Gustafsson O, 244
Guterman LR, 376, 549, 1200
Gutmann L, 1418
Gyldensted C, 1097, 1958

Haan RJ, 2610
Haapaniemi E, 720
Hachinski VC, 631
Hacke W, 231, 1318, 2543, 3084
Hackett ML, 440
Hademenos GJ, 2466, 2742
HAEST Study Group, 2285
Hafner G, 2127
Häfner K, 1201
Hahn M, 2984
Hainsworth AH, 766
Hajat C, 410
Hajat S, 410
Halbach VV, 100, 3029
Haley EC Jr, 448, 945, 1392, 1720, 2335, 2499, 2742
Hall ED, 160
Hall LJ, 1076
Hallenbeck JM, 2737
Hallmans G, 26, 1289, 2936
Halonen P, 1469
Hamada J-i, 2141
Hamada R, 794
Hamann GF, 1794
Hamel K, 720
Hamilton S, 998, 2585
Hamilton SA, 1796
Hammel JP, 1796
Hammon JW, 707
Hamner J, 1897
Hamon JB, 2735

Han BK, 997
Handa Y, 2529
Haney C, 568
Hanfland P, 1796
Hankey GJ, 863, 1069, 1779, 2080
Hanley DF, 726, 841
Hann AW, 3088
Hansen HC, 805
Hansen LA, 2530
Hansen PR, 1470
Hanson SK, 1457
Hantson P, 3084
Hara A, 236
Harbaugh RE, 1472
Harbrecht U, 1796
Harcos P, 2648
Hardman SMC, 2508
Hardy J, 1076
Harms MPM, 1608
Haroon S, 997
Harper DL, 1796
Harris B, 3088
Harris NG, 1470
Harrison MJG, 1329, 2508
Hart CL, 1893, 2093
Hart RG, 555, 984, 1001
Hartmann A, 1307, 1471, 2361, 2365
Hartmann M, 3088
Hartney ML, 549
Hartung H-P, 2665
Harukuni I, 976, 1694
Harvey-White J, 1799
Harwood M, 2517
Haser PB, 999
Hashimoto M, 2182
Hasnain SN, 551
Hassid S, 169
Hatazawa J, 1646
Hattenhauer MG, 1201
Hattori K, 1939
Hauerberg J, 2029
Haunsø S, 1470
Hauser WA, 1792
Hausser I, 1935
Haut M, 1418
Hayashi K, 1583
Hayashi T, 200
Hayes PD, 476
Hayes R, 2282
Hayreh SS, 3086
Hazel K, 1715
He J, 995
He L, 1744
He Q-P, 183, 1462
He YY, 193, 1702, 2707
Hébert R, 1487
Heckbert SR, 420
Heckmann JG, 2268
Hedblad B, 2925
Hegele RA, 3086
Heiland S, 1318
Heine RJ, 2032
Heinonen OP, 1472
Heiss W-D, 133, 366, 986, 1552, 2112
Helbeck S, 1460
Hellemons BS, 555
Heller RF, 404
Helmer KG, 3087
Hemann RA, 2741
Hendel ME, 2741
Henderson RD, 128, 2636
Hennekam RCM, 2734
Hennekens CH, 552, 802
Hennerici M, 554, 1471, 2208
Hepgül K, 1467
Herbert JM, 245
Hernesniemi J, 2369
Herrmann M, 645, 2670
Herrmann N, 637
Hershkowitz M, 803
Hertzer NR, 556
Herzau M, 3088
Herzog TA, 1566
Hess DC, 1179
Hesse S, 1545
Heuschmann P, 2074, 2268
Hey LA, 66
Heyer EJ, 246
Hickenbottom SL, 1925
Hier DB, 802
Hietanen M, 3085
Higashida R, 999
Higashida RT, 100, 3029
Higgs VB, 2966
Hildreth AJ, 232
Hilker L, 1651
Hill G, 1487
Hill JK, 1715
Hill MD, 123, 799
Hill WD, 1179
Hillbom M, 1269
Hillen T, 469, 2736
Hillered L, 2736
Himeno Y, 733
Hinchey JA, 1796
Hinn AR, 2591
Hino A, 2280
Hirai S, 2739
Hiramatsu K-I, 797
Hirayama T, 993
Hirokawa W, 1583
Hirono N, 1263, 2182
Hirsch AT, 3084
Hirsch JG, 2901
Hirt L, 208
Hirvonen T, 2301
Hiwada K, 2319
Ho DSW, 793, 2518
Ho KL, 1202
Ho SSY, 1342
Hodapp B, 2971
Hodge D, 1201
Hoefnagels WHL, 1615
Hoehn M, 1793, 2236
Hoff J, 563
Hoff JT, 795, 805, 2737
Hofman A, 425, 1201
Hofmann E, 804
Hofmeister C, 1307, 2361
Hofstee DJ, 2033
Hofstetter R, 2530
Hoggard N, 848, 2276, 2276
Hoksbergen AWJ, 1346, 1656
Hole DJ, 1893, 2093
Holm AM, 1470
Holm P, 553
Holmen J, 14
Holmes DR Jr, 1792
Holroyd-Leduc JM, 1833
Holsboer F, 1172
Holt SM, 1566
Holtås S, 244
Holzer M, 86, 2068
Homann J, 1230
Homberger A, 990
Homma S, 1468, 2623
Hommel M, 1555
Honda M, 1583
Hönig-Liedl P, 245
Honings DS, 77, 1457
Hoogeveen EK, 2032
Hoogland PH, 2033
Hop JW, 1467
Hopkins LN, 376, 549, 1200
Hoppe P, 1460
Hori M, 1735
Hori T, 2528
Horn P, 1195, 2971
Horner RD, 563, 2603
Horowitz DR, 551
Horrow MM, 997
Horváth L, 2648
Horwitz RI, 415, 456
Hospers JJ, 242
Hossmann K-A, 1793
Hou X, 516
Houkin K, 930
Houseman J, 1470
Houth J, 434, 2267
Houtteville J-P, 1203
Howard B, 2751
Howard E, 1179
Howard G, 2330
Howard VJ MSPH, 2330
Howlett W, 2282
Hoyte KM, 1468
Hryniewicz MM, 2966
Hsu CY, 193, 953, 1186, 1465, 1702, 1744, 1945, 1957, 2284, 2691, 2707, 3039
Hu W, 1386
Hua Y, 2737
Huang J, 246, 3047, 3054
Huang K-M, 2274
Huang P, 2442
Huang W, 2678
Huang ZG, 803
Huba M, 2026
Hübbe P, 434, 2267
Huber TS, 555
Hubner U, 1195
Hughes RA, 2533
Hughes RL, 983
Hughes T, 1997
Hulsmans FJ, 800
Hulthe J, 1526
Hung J, 3015
Hung Y-C, 995
Hunter AJ, 214
Hurn PD, 161, 738, 976, 1173, 1409, 1694, 1793, 1939, 2685, 2701, 3041
Hurskainen H, 2369
Hutchinson PJ, 240
Huth C, 645
Hutten BA, 2740
Huttunen JK, 1472
Huybrechts KF, 582
Hwa G, 799
Hwang B-S, 701
Hyland M, 805
Hylek EM, 1202, 2533
Hypothermia After Cardiac Arrest (HACA) Study Group, 86

Iadecola C, 181, 1401, 1751
Ibayashi S, 155, 2487, 2616, 2738
Iddenden R, 1770
Igawa T, 591
Iida Y, 2224
Ikeda Y, 240, 493
Ikegaki I, 2245
Ikezaki K, 930
Ikram H, 1997
Imaizumi M, 2203
Imperatore C, 3084
Imperiale D, 3064
Inagawa T, 2029
Inamura T, 2029
Inao S, 2029
Inbal A, 1283
Indredavik B, 2527, 2989
Inenaga T, 61
Ingall T, 1054
Ingegni T, 2295
Inoha S, 2029
Inokuchi F, 2029
Inoue T, 930, 2029
Inzitari D, 1205
Ippoliti A, 1792
Irace C, 804
Ireland S, 550
Irie K, 1202
Ironside JW, 2032
Irwin PB, 555
Isaka Y, 2203
Ito D, 493, 936, 2661
Ito T, 2478
Itoh E, 2739
Itoyama Y, 200
Ivey PA, 803
Iwamoto H, 2616
Iwamoto Y, 2280

Jaber WA, 3085
Jack LM, 1795
Jackson-Friedman C, 169
Jacobs MJHM, 1656
Jacobsen BK, 998
Jacoby A, 2004
Jagger C, 886
Jaigobin C, 2948
Jaillard A, 1555
Jakobs C, 2032
Jamrozik K, 863, 2080
Janardhan V, 376
Jansen GFA, 2314
Jansen O, 1318, 3088
Jansen RWMM, 1615
Jansson J-H, 26
Janzer RC, 1469
Janzon L, 2925
Japanese Nonvalvular Atrial Fibrillation–Embolism Secondary Prevention Cooperative Study Group, 817
Jardine DL, 1997
Jarosz JM, 804
Jauch E, 596, 2552
Jean LL, 2528
Jee SH, 995
Jehkonen M, 33
Jeng J-S, 701
Jeret JS, 2522
Jhamandas JH, 998
Jiang JG, 2414
Jiang Y, 2319
Jiménez Muro M, 1352
Jimenez-Boj E, 2534
Joakimsen O, 574, 998, 1871
Jobert A, 1904
Joëls M, 1162
Johannesson M, 2569

Johansen K, 556
Johansson B, 481
Johansson BB, 223, 1470
Johansson L, 26
Johns LM, 2280
Johnson BL, 245
Johnson DR, 1795
Johnson LN, 2034
Johnston DCC, 2920
Johnston KC, 448
Johnston SC, 111
Jonas JB, 3086
Jones D, 2307
Jones L, 40, 1223, 2532
Jones MR, 563
Jones SC, 1386, 2524
Jonetz-Mentzel L, 3088
Jonker C, 2431
Jørgensen HS, 434, 1429, 2251, 2267
Joseph PA, 1829
Joshipura KJ, 552
Jost C, 968
Joubert J, 1294
Jousilahti P, 1851
Juhler M, 2029
Jukema JW, 805
Jungreis CA, 246
Junker R, 2437
Jürgens R, 920, 2278
Juul-Möller S, 2925
Juvela S, 392, 1791

Kaff A, 86
Kagamimori S, 1583
Kai Y, 2141
Kaiser WA, 3088
Kakiuchi T, 1199, 3084
Kalafut MA, 1667, 2563
Kalra L, 1929, 2033, 2106, 2284
Kamath S, 2520
Kambayashi J-i, 591
Kamiyama H, 896
Kammersgaard LP, 434, 2251, 2267
Kamouchi M, 2487
Kampert JB, 2282
Kanchuger MS, 555
Kaneko M, 2529
Kanellopoulos GK, 1945
Kang D-W, 688, 2271
Kang J, 1365
Kangavari S, 3087
Kanis K, 2385
Kanter D, 2552
Kaplan RC, 420
Kaplan SS, 2218, 2707
Kaposzta Z, 1335, 1786
Kappelle LJ, 1913, 2037, 2734, 2738, 3001
Kapral MK, 1833
Kaps M, 554, 1728, 2342
Karádi I, 2648
Karasoy M, 552
Karasu A, 1467
Karbalai HG, 803, 1468
Karbe H, 2112
Karlsson G, 347
Kase C, 999
Kasner SE, 370, 680, 1459
Kassell NF, 801, 2528
Kaste M, 651, 695, 720, 994, 1269, 2533, 2543, 2952, 3085
Kastrup A, 244, 1965, 2692
Kasuya H, 2528
Katayama Y, 993
Kato I, 2616
Katsumori T, 2280
Katusic ZS, 765, 968, 2224, 2465
Katzan IL, 1796
Katzer T, 151, 1728
Katzman R, 2530
Kaufman G, 1204
Kaul S, 803
Kawai N, 1982
Kawakami M, 1256
Kawamata T, 993
Kawamura K, 553
Kawano Y, 48
Kawasaki T, 591
Kawase M, 2032
Kay R, 2530, 2641
Kazan S, 552
Kazui H, 2182
Kearns K, 550
Keep RF, 795, 2737
Keir SL, 1426, 2723
Kelemen L, 3086
Kellermann M, 1123
Kelly RE, 1234
Kemény V, 998, 1640
Kenet G, 1283
Kent CK, 999
Kent TA, 2524
Kernan WN, 415, 456
Kessler C, 1651
Kessler J, 2112
Keyl PM, 726, 841
Keyzers KCJ, 2740
Khajavi K, 996
Khan HG, 1795
Khandheria BK, 243, 2628
Khandji AG, 3054
Khaw C, 1795
Khoury J, 596
Khurana VG, 2465
Kidd GA, 2531
Kidwell CS, 71, 1081, 1420, 2563
Kienast J, 994
Kiessling M, 2212
Kilinc K, 2528
Killer M, 550
Kim DK, 2524
Kim GW, 1111
Kim I, 1468
Kim IS, 995
Kim JH, 2534
Kim J-S, 1111, 2030
Kim JY, 2055
Kim KD, 2477
Kim LJ, 246, 3047
Kim S, 1360
Kim YS, 2055
Kimura G, 61
Kimura K, 2033
Kimura M, 1482
King LJ, 551
King S, 751
Kingston JE, 551
Kinoshita T, 1646
Kirby CL, 997
Kirino T, 896
Kiriş T, 1467
Kirkpatrick PJ, 240
Kirkwood SC, 1795
Kirsch JR, 976, 1793
Kiss S, 3047
Kissela B, 2552
Kitagaki H, 1263, 2182
Kitagawa K, 1735
Kitamura K, 3082
Kitange HM, 3086
Kitani M, 996
Kitayama J, 2487
Kitazono T, 2487
Kittaka M, 241
Kittner S, 1194
Kiylioglu N, 1370
Kiyohara Y, 2616
Klebanoff LM, 383
Klein AL, 3085
Klein GM, 1468
Klijn CJM, 1913, 3001
Kline RA, 1472
Klinge PM, 804
Klingelhöfer J, 3085
Klockgether T, 1796
Klötzsch C, 2533
Klungel OH, 420
Knapp WH, 1545
Knaus WA, 448
Knauth M, 1789
Knight RA, 1964
Knorr J, 2163
Knottnerus JA, 555
Knudsen GM, 1116
Kobayashi H, 2529
Kobayashi M, 2049
Kobayashi S, 996
Koch HG, 990
Kodama N, 1256
Koeberle B, 1470
Koehler RC, 1694
Koenig HM, 2231
Kofler J, 2068
Koh MG, 2062, 2157
Koh MS, 2285
Kohara K, 2319
Kohno K, 1793
Koivisto T, 2369
Kok A, 2431
Kokubo Y, 1299, 2287
Kollegger H, 2068
Koller C, 3088
Kolminsky-Rabas PL, 2074, 2268
Koltzenburg M, 804
Kong R, 2508
Königstein R, 556
Konishi J, 1203
Kontos HA, 1996, 2235, 2684, 3046
Konzen JP, 805
Koopfer M, 1217
Kopp H, 2127
Koppe PA, 2396
Korach KS, 738
Korczyn AD, 801, 990, 991
Korf J, 1162
Korhonen P, 2301
Korn P, 999
Koroshetz WJ, 244, 1097, 2735
Kosch A, 2437
Kosier JT, 1482
Kossi MMHE, 1889
Kossoff S, 2346
Kostense PJ, 2032
Kotchen TA, 2751
Kothari R, 791, 2335
Kotila M, 651
Kouchoukos NT, 1945
Koudstaal PJ, 546, 1201, 1502, 2543
Kovalenko AV, 1472
Kowalczuk A, 2280
Kozicz T, 1411
Koziol IA, 1402
Kracht L, 366
Krafft P, 1393
Krajewski LP, 556
Krakauer JW, 656
Krakow K, 1471
Kramer J, 2648
Krauss JK, 998
Krauss RM, 2751
Kraut MA, 2532
Kreiner S, 1038
Krejza J, 2026
Kresowik TF, 2741
Krings T, 996
Krinninger B, 2534
Krins A, 2314
Kris-Etherton P, 2751
Krishnappa IK, 961
Krohel GB, 2034
Kronzon I, 555
Krueger K, 2715
Krugers HJ, 1162
Krumholz HM, 1802
Krupinski J, 214, 1863
Kryscio RJ, 1274
Kubota T, 2529
Kudrin VS, 1472
Kudryk BJ, 243
Kuehl S, 2208, 2971
Kuek C, 3015
Kugel H, 2715
Kühne K, 1640
Kuhnen G, 3087
Kukull WA, 552
Kulkarni M, 1990
Kuller L, 2739
Kumar P, 1863
Kumar PN, 1628
Kunz WS, 645
Kupferminc MJ, 892
Kurata A, 896
Kurnik K, 2437
Kuroda S, 61, 930
Kuschinsky W, 1393
Kuwabara K, 1735
Kwan A-L, 2528
Kwan E, 241
Kwiatkowski T, 355

Laakso M, 1469
Laatikainen L, 245
Labauge P, 1203
Laberge S, 1203
Lachapelle P, 516
Lachmann J, 555
Lackner K, 2715
Lagaay AM, 805
Laggner AN, 86
Lain AH, 2032
Laird JR Jr, 2534
Lakhani A, 2284
Lakka H-M, 2281
Lakka TA, 2281
Lalam T, 2175, 2528
Lalka SG, 554
Lam AM, 549, 800
Lam WWM, 2530, 2641
Lambert E, 1791
Lambert G, 901, 1791

Lamers KJB, 2670
Lammie GA, 1426, 2117
Lamy C, 2735
Landis T, 1766
Landray M, 2273
Laney R, 66
Langenberg M, 555
Langhorne P, 1223, 1795, 2526
Lang-Lazdunski L, 208
Långström B, 2736
Lankhorst GJ, 988, 2396
Lanni C, 720
Lansberg MG, 2597, 3087
Lanska DJ, 1274
Lansky AJ, 2534
Lanthier S, 1201
Lanzino G, 376, 549
Lapane KL, 875
Lapchak PA, 1953, 3034
Larbrisseau A, 1201
Larrain G, 2534
Larsen FS, 1116
Larsen K, 434, 2267
Lasjaunias P, 1307
Lauer RM, 242
Laufs U, 2442
Laureno R, 2534
Lavergne T, 398
Lawrence E, 469
Lawrence J, 637
Lazar RM, 656
Le Bihan D, 1904
Le Heuzey J-Y, 398
Leathley MJ, 2529
Lechner A, 2665
Lechowicz W, 802
Leclerc JR, 1856
Lee E-J, 995, 1679
Lee H, 1939
Lee J-H, 2530
Lee K, 2528
Lee KY, 1111
Lee LJ, 1081
Lee M, 997
Lee M-C, 2354
Lee M-Y, 995
Lee S-H, 688
Lee Y-T, 2907
Lees KR, 347, 907, 1555, 2533
Lefkowitz MA, 241
Lefvert AK, 1289
Legemate DA, 1346, 1656
Léger B, 1856
Leibovitch FS, 637
Leinonen JS, 33
Leinweber BD, 1468
Lekakis JP, 1791
Lemaitre RN, 420
Lemesle M, 2074
Lemmens T, 555
Lempert TE, 100, 3029
Lenders JWM, 1608
Lennihan L, 383, 2346
Lenz C, 1393
Leon MB, 2534
Lepera S, 2385
Leppälä JM, 1472
Leskelä M, 994
Lessing JB, 892
Lessov NS, 940, 1715
Letarte M, 2653
Leufkens HGM, 420
Levi C, 404
Levi M, 2740
Levin KA, 2284
Levine SR, 370, 2335
Levy C, 1203, 1794
Levy DE, 2284
Levy EL, 246
Lewis SC, 714, 803, 1200
Leys D, 82
Li F, 946, 1202, 1471, 1709, 2494, 3087
Li H, 176, 237, 2641
Li P-A, 183, 1462
Li Q, 907, 2282
Li T-Q, 1311
Liao D, 2098
Libman R, 355
Lichtenstein AH, 2751
Lichtman JH, 1802
Lieber M, 996
Liebetrau M, 1794
Liepert J, 1210
Light K, 1360
Lim LL-Y, 404
Limbruno U, 2284
Limburg M, 800, 2610, 2734
Limiñana P, 2531
Lin G, 2280
Lin I-F, 1521
Lin J-X, 1838
Lin W, 953, 1702
Lin W-H, 701
Lindahl B, 2936
Lindgren A, 244, 481
Lindley RI, 1133, 1426
Lindpaintner K 802, 802
Lindsay J, 1487
Linfante I, 2385
Linn FHH, 1791
Linnebank M, 990
Lip GYH, 828, 2273, 2520
Lipsitz LA, 1897
Li-Saw-Hee FL, 828
Lister TA, 551
Liston R, 3088
Litvinjuk V, 1217
Liu AY, 998
Liu H-M, 701
Liu K-F, 946, 3087
Liu LS, 1240
Liu M, 2719
Liu MW, 95
Liu R-C, 456
Llinas R, 2385
Lloyd LE, 1796
Lo Bartolo ML, 882, 2269
Lo Fermo S, 882, 2269
Lo Presti R, 1578
Locati EH, 802
Lockfeld A, 550
Lodder J, 555
Lofthouse E, 1069
Loftus IM, 40
Løge AD, 2989
Logerfo FW, 2740
Lombardini R, 802
London ED, 976
London GM, 782
Longstreth WT Jr, 420, 543, 549, 552, 800, 1628
Lonn E, 3086
Lönnrot K, 33
Lopez-Yunez AM, 858
Lopiano L, 3064
Loria C, 995
Lövblad K-O, 539, 1459, 1824
Love S, 2032
Lu C-J, 2274
Lu DY, 1202
Lu M, 2335
Lu X, 1945
LUB-INT-13 Investigators, 2543
Lucas C, 3088
Lüdemann P, 998
Luft AR, 376
Lunn S, 1329
Lunt MJ, 1787
Lupattelli G, 802
Luraschi A, 2385
Lutsep HL, 550, 984, 1001
Lyden PD, 169, 2335
Lyeth BG, 1944

Ma X, 2029
Mabuchi T, 1735
Macchi V, 1187
MacDonald J, 1223
Macdonald RL, 174, 1142, 1384, 2149, 2280, 2458
Macdonell RAL, 801, 2087
Macfarlane PW, 805
Macho J, 792
Mackey A, 1856
Macko RF, 2390
Madden KP, 811, 998, 2585
Madhavan S, 1532
Madl C, 2068
Madonna P, 1787
Madsen RW, 2034
Maeder P, 244
Maertens de Noordhout A, 1464
Mager JJ, 2285
Magistris MR, 1766
Magnadottir HB, 1472
Magnan PE, 2034
Magne C, 2736
Mähönen M, 1054
Mahoney LT, 242
Mahony PJ, 476
Maiese K, 1684
Maintz D, 2715
Majid A, 2707
Majors AW, 1386
Mak R, 2740
Makaroun MS, 1469
Makino Y, 48
Makuch RW, 415, 456
Maldjian JA, 680
Malek AM, 100, 3029
Mali WPTM, 800
Malinski T, 2531
Malkoff M, 140, 610, 915, 1128, 1204, 1812
Malyutina S, 2
Manabe H, 1621
Manaï R, 2175
Manara R, 2942
Mandeville JB, 796
Mandir AS, 2685
Manheim LM, 2741
Manktelow BN, 463
Mann DMA, 2032
Mann KG, 243
Mannami T, 2958
Mannarino E, 802
Manning LG, 999
Manolis AJ, 487
Mansfield A, 550
Mansfield MW, 2530
Mansmann U, 1307
Manson JE, 552
Mäntylä R, 695, 994, 2952, 3085
Marcellus ML, 998
Marchioli R, 1796
Mariak Z, 2026
Mariani M, 2284
Marien P, 1762
Mariotti R, 2284
Markabi S, 347
Marks MP, 553, 998, 2378, 2597, 3087
Marks SJ, 1204
Markus HS, 243, 544, 1335, 1786
Marler JR, 2335
Marmur JD, 2282
Marota JJA, 796
Marrache AM, 516
Marrugat J, 2030
MARS Study Group, 550, 2280
Marsault C, 2175, 2528, 3080
Marschall K, 555
Marshall I, 3008
Marshall RS, 656
Martin E, 1789
Martin J-P, 1795
Martínez-Espinosa S, 1494
Martínez-Lavín M, 2197
Martinowitz U, 1283
Marton LS, 2149
Mas JL, 2735
Masaki K, 1792
Masaryk TJ, 996
Mascellino MT, 2519
Mascha EJ, 556
Maslam S, 1162
Massawe JG, 3086
Massey A, 2004
Massons J, 1200, 2281
Massoud TF, 2466
Mast H, 1307, 1471, 2361, 2365
Masuda H, 553
Masuki G, 3086
Matchar DB, 563, 2603
Matetzky S, 3087
Mathias CJ, 550
Mathiesen EB, 1871
Mathurin P, 3084
Matsubara S, 2653
Matsuda T, 1256, 2739
Matsumoto M, 1735
Matsumoto T, 2738
Matsumura Y, 2287
Matsuo A, 1838
Matsuo Y, 797
Matsuoka H, 794
Matsushima T, 930, 2029
Matsushima Y, 733
Matsushita K, 208
Matteis M, 805, 2030, 2739
Matthews PM, 672
Mattioli PL, 804
Matz PG, 2450
Mauriello A, 1792
Mauser H, 2285
Mavaddat N, 240
Mayberg TS, 549, 800
Mayer SA, 383, 2346
Mayhan WG, 975
Maynard KI, 1679
Mayo NE, 1016, 2522
Mayzel-Oreg O, 2494
Mazaux JM, 1829
Mazur C, 1402
McAlpine C, 1223
McBride R, 555
McCabe DJH, 793, 794

McCarron MO, 243, 2032
McConathy WJ, 2739
McCormack LJ, 2530
McDonagh PF, 1153
McGregor CGA, 806
McKevitt C, 1877
McLarty DG, 3086
McLean CA, 1294
McMahon DJ, 246
McNaughton H, 2517
McNeil JJ, 801, 2087
McPherson K, 2517
McQueen M, 3086
McQuillan BM, 551, 552, 3015
McTaggart RA, 3047
Mead GE, 714, 803
Mecocci P, 990, 2295
Meguro K, 994
Mehagnoul-Schipper DJ, 1615
Mehran R, 2534
Mehta NR, 2532
Meijers JCM, 1205
Meinders AE, 805
Meinke JL, 2534
Meisel J, 1307
Meissner I, 243, 1076
Melbourn A, 1929
Meldrum BS, 214
Meldrum H, 2037
Melhem ER, 2532
Meli F, 1578
Mélot C, 2034
Mendall MA, 243
Mendelow AD, 791, 2511
Meneghetti G, 2942
Meschia JF, 1076
Metens T, 2734
Metreweli C, 1342
Mettauer M, 999
Metz RJ, 244
Metzner C, 556
Meuli R, 244
Meves S, 2026
Meyer J, 2127
Meyermann R, 2282
Meyers PM, 100, 3029
Mhina A, 3086
Mickelborough J, 3088
Middeldorp S, 1205
Mies G, 1793
Miettinen H, 1469
Milbrandt JC, 77, 1457
Miller BL, 1795
Miller R, 596
Miller VM, 167
Miltner WHR, 662, 1210
Min WK, 2055
Minami J, 48
Minamino N, 3082
Minematsu K, 2033
Mintz GS, 2534
Misra VK, 95
Mitch WE, 2751
Mitchell AWM, 1439, 2930
Mitchell JB, 2282
Mitchell TL, 2282
Miura K, 1583
Miyai I, 1365
Miyamoto O, 1203
Miyashita H, 183, 1462, 2282
Mizuno T, 2141
Mocco J, 3047, 3054
Modai D, 1217
Modaresi KB, 804
Mödder U, 1311
Mohácsi T, 968
Mohr JP, 1307, 1471, 1792, 2361, 2365
Mok V, 2530
Mokudai T, 1679
Moll FL, 1817
Møller K, 1116
Molloy MD, 803
Molnár G, 33
Moncayo J, 2530, 3085
Monsein LH, 2534
Montague PA, 3086
Montana M, 1578
Montes JM, 834
Montisci M, 1187
Montoya SB, 2033
Moody DM, 707
Moons KGM, 1817
Moore AP, 2529
Moore CI, 668
Moraine J-J, 2034
Moran S, 662
Morasch MD, 2741
Mørch B, 2989
Morgalla M, 1468
Morgan KG, 1468
Morgan S, 3089
Morgenstern LB, 1925, 2033
Mori E, 1263, 2182
Mori H, 236
Mori T, 993
Morikawa Y, 1583
Morioka M, 2141
Morisaki K, 1982
Morita-Fujimura Y, 2032
Moroney JT, 1792
Morris D, 1202
Morris DL, 2585, 2591
Morrison AC, 2098
Moscardo P, 2740
Moseley IF, 1795
Moseley ME, 244, 553, 1965, 2378, 2597, 2692, 3087
Moshi AF, 3086
Moskowitz MA, 208
Moss S, 2529
Motsch L, 1651
Motti C, 804
Motto C, 1785
Moudgil SS, 1418
Moulin T, 1634, 2736
Mourad JJ, 782
Mowery NT, 1566
Mozes G, 968
Muizelaar JP, 507, 1727
Mukai S, 1897
Mull M, 2533
Mullany CJ, 806
Müller C, 244
Muller F, 2402
Muller J, 2402
Mullis R, 2751
Müllner M, 86
Muluk SC, 1469
Muluk VS, 1469
Munkácsy C, 2532
Münzberg H, 2736
Murad H, 1283
Murai Y, 240
Murakami M, 553
Muramatsu K, 1752
Murata M, 493, 936, 2661
Murayama Y, 241
Murphy KJ, 1795
Murphy MB, 805
Murphy MM, 805
Murphy SJ, 161, 1173, 1694, 3041
Murray GD, 1223, 1795
Musch DC, 242
Myers H, 568

Na DG, 997
Nabatame H, 1203
Nabavi DG, 1123
Naegeli B, 2002
Naff NJ, 841
Nagahama Y, 1203
Nagao S, 1982
Nagao T, 2487
Nagata K, 896
Nahar T, 2532
Nakagawa H, 1583
Nakagawa T, 1792
Nakahara T, 155
Nakajoh K, 1792
Nakamura S, 61
Nakamura Y, 930
Nakanishi E, 2203
Nakatomi H, 896
Nakayama H, 434, 2267
Nakayama K, 2616
Nakstad PH, 2285
Nanda A, 2280
Naqvi TZ, 803
Naredi S, 901
Naruse Y, 1583
Narushima K, 994
Näsman P, 1250
Nassief A, 193
National Institute of Neurological Disorders and Stroke (NINDS) rt-PA Stroke Study Group, 2335, 2912
Natté R, 534
Nawashiro H, 2737
Naylor AR, 40
Nazarov V, 2500
Nelson RJ, 738
Neumann C, 2402
Neumann-Haefelin T, 1311, 1965
Neundörfer B, 2268
Neuro-Behçet Study Group, 801
Newcommon N, 1468
Newell DW, 984, 1001
Newell JB, 1136
Newfield A, 1203
Newman SP, 1329, 2508
Ng K, 2284
Ng TC, 1386
Ni Mhurchu C, 1024, 1032
Nickenig G, 2442
Nicolaes GAF, 1205
Nicolaides AN, 550, 2189
Nicolaou M, 487
Nicoletti A, 882, 2269
Nicoll JAR, 2032
Nicolson C, 2281
Nidich S, 568
Nieczaj R, 2736
Nieto FJ, 241, 2031
Nighoghossian N, 1561
Nijpels G, 2032
Nikitin YP, 2, 9
Nilsson M, 1572
Nilsson TK, 26
Nishida N, 61
Nishijo M, 1583
Nishimaru K, 2739
Nishimura M, 61
Nishimura Y, 2478
Nishio K, 3082
Nishizawa S, 1203, 3084
Niwa M, 236
Njemanze PC, 545
Njølstad I, 574
Noel A, 968
Norbash AM, 3087
Nordestgaard BG, 2531
Norris J, 347
Norrving B, 244, 481
North American Glycine Antagonist in Neuroprotection (GAIN) Investigators, 358
North American Symptomatic Carotid Endarterectomy Trial (NASCET) Group, 128, 631, 2037, 2636, 2734
Nose T, 994
Noshita N, 2032
Noth J, 2533
Nowak NJ, 1136
Nowak-Göttl U, 2437
Numminen H, 651, 1269
Nunez SY, 1953
Nuzzaci G, 235
Nuzzaci I, 235

Obach V, 792, 2103
Obisesan TO, 19
Obrenovitch TP, 1470
O'Brien PC, 1076
O'Brien T, 968
Obuchowski N, 996
O'Carroll RE, 1509
O'Connell JE, 232
Oda S, 241
Oddone EZ, 563
Odoom JA, 2314
Oettinger W, 556
O'Fallon WM, 243, 1062, 2628
Ogata J, 2958
Ogawa T, 1646
Ogden LG, 995
Ogilvy CS, 1679
Ohara K, 2049
O'Hara PJ, 556
Ohashi Y, 2739
Ohkuma H, 1621
Ohlsson K, 1793
Ohta A, 493
Ohtsuki T, 1735
Okauchi M, 1982
Okudera T, 1646
Olah L, 2236, 2532
Oldfield EH, 1199, 2282
Olichney JM, 2530
Oliva R, 2103
Oliveres M, 1200, 2281
Oliveria-Filho J, 2735
Olsen J, 1467
Olsen TS, 434, 2251, 2267
Olsson Y, 2736
Omae T, 946, 2494, 3087
Omboni E, 2266
Onda H, 2528
Onuma T, 1256
Ooe Y, 2203
Opgenorth TJ, 720
Oppenheim C, 2175, 2528
Oppenheimer SM, 234
O'Regan MH, 1462
Orgogozo J-M, 2533
O'Rourke S, 1200

Orozco JA, 1153
Orszulak TA, 806
Osborne-Pellegrin M, 2678
OSF Stroke Team, 77
Osmond C, 869
Osol G, 758
Østergaard L, 1097, 1904, 1958
Otis SM, 1197, 2277
Otomo E, 2739
Oudkerk M, 425
Overtoom TTC, 2285
Owlasiuk M, 2026
Ozaki CK, 555
Ozeki Y, 591

Pachot-Clouard M, 1904
Paciaroni M, 1468, 2037
Packard CJ, 805
Packard D, 1204
Paczynski RP, 1702
Padayachee TS, 804
Padró T, 994
Pahor M, 2531
Paik MC, 383, 1792
Päiväsalo M, 245
Palmieri G, 1792
Palombo D, 1473
Pan HC, 1240
Pan W-H, 2354
Pancioli A, 596, 2552
Pandian NG, 2407
Panerai RB, 463, 476, 1795, 2895
Panicker S, 803
Papamichael CM, 1791
Papamitsakis N, 1203
Papavasiliou AK, 1472
Pappata S, 1904
Pare GJ, 2189
Parent AD, 526, 1377
Parenti A, 1187
Park HC, 2055
Park KK, 2055
Park SP, 2055
Park TS, 2218, 2707
Parker MA, 2741
Parkin PJ, 1997
Parsons AA, 214
Parsons EM, 2534
Parsons MW, 2270
Pascoe RD, 243
Pasqualetti P, 2030
Passarelli F, 2030
Passero S, 1538
Patel S, 214
Patel ST, 999
Patterson DE, 999
Paulsen RD, 998
Pawlik G, 366, 986
Pearce LA, 555
Pearce RM, 1628
Pearce WH, 2741
Pearson AJ, 791
Pedersen DB, 2029
Peet SM, 886
Peinetti F, 1473
Pelligrino DA, 2231, 2532
Peltonen M, 2
Pendlebury ST, 672, 1444
Pennisi G, 1464
Perera GM, 656
Perez I, 1929, 2033, 2106, 2284
Perez-Trepichio AD, 1386
Peri K, 516
Perl, J II, 996
Perry HM Jr, 2739
Perry IJ, 805
Perry JR, 799
Perry SI, 886
Persson L, 2736
Pessin MS, 241, 999
Peterson JW, 1468
Peterson SJ, 1204
Petit H, 1829
Peto R, 1240
Petronio AS, 2284
Petruch UR, 147
Petruk KC, 993
Petty GW, 1062, 2628
Pezzuto S, 2295
Pfausler B, 841
Pfefferkorn T, 1794
Pfeifer U, 2127
Phan TG, 1458, 2062, 2157
Phatouros CC, 100, 3029
Phillips A, 994
Phillips AM, 1997
Phillips JB, 1686
Phillips KA, 1202
Phillis JW, 1462
Phol C, 1796
Picard M, 2208
Picard MH, 1136
Picconi B, 766
Pickut BA, 1762
Picot PA, 1672
Piepgras A, 1393
Piepgras D, 2742
Pierschbacher MD, 1402
Pietinen P, 2301
Piette J-C, 3080
Pile-Spellman J, 2365
Pilloy W, 1294
Pineda C, 2197
Pineiro R, 672
Pinsky DJ, 3047, 3054
Pistolese R, 1792
Plant AJ, 551
Plaschke K, 1789
Pluta RM, 1199, 2282
Poewe W, 2402
Pohjasvaara T, 695, 994, 2952, 3085
Pohl C, 1661
Pohlers O, 1318
Poirier O, 1634
Poisik A, 246, 3054
Polidori MC, 2295
Polin RS, 801, 2280
Pomeroy VM, 2529
Pomposelli FB Jr, 2740
Pondal M, 1494
Popa V, 1123
Popescu O, 2533
Popilskis SJ, 3054
Poreh A, 803
Porras-Jimenez M, 996
Postert T, 1460, 2026, 2342
Postma DS, 242
Potter JF, 463, 886, 1795, 2895
Powers C, 1202
Powers WJ, 1469, 2283
Pratesi C, 235
Pressel S, 1792, 2739
Preston E, 803
Price TR, 2739
Prineas RJ, 1792
Prins MH, 1205, 2740
Prior DL, 3085
PROACT Investigators, 999
Probstfield JL, 2739
Prohászka Z, 2648
PROSPER Study Group, 805
Protopsaltis TS, 3047
Przuntek H, 1460
Psaty BM, 420, 1628
Puga FJ, 806
Pujia A, 804
Pulli R, 235
Pulling MC, 2740
Pyörälä K, 1469
Pyörälä M, 1469

Qu A, 1796
Quality of Care and Outcomes Research in CVD and Stroke Working Groups, 1002
Quan L, 2460
Quest DO, 246
Quigley TM, 3089
Quinn J, 550
Quintel M, 1195
Qureshi AI, 376, 1200

Raaschou HO, 434, 2267
Raaymakers TWM, 550, 800, 2280
Radford MJ, 822, 1802
Raevskiy KS, 1472
Raftopoulos C, 3084
Ragoschke A, 2208, 2971
Rainforth M, 568
Raininko R, 244
Raitakari OT, 552
Rak R, 2282
Rama R, 852, 2030
Ramirez-Lassepas M, 1457
Ramnemark A, 1572
Ramos LMP, 800
Rancurel G, 2175
Rand JH, 551
Randomized Trial of Tirilazad Mesylate in Acute Stroke (RANTTAS) Investigators, 448
Rao VLR, 1202
Raps EC, 383, 1234
Rasmussen BH, 2251
Rasmussen ML, 241
Rastenyte D, 1588, 1851
Rasura M, 2407, 2519
Ratheiser K, 86
Raymond J, 498
Razumovsky AY, 234
Reale F, 1538
Reboussin DM, 553
Rechavi G, 1283
Recht L, 2163
Redfern J, 1877
Reed T, 1795
Reese TG, 244
Reggio A, 882, 2269
Reglodi D, 1411
Régrigny O, 2531
Reichenbach JR, 3088
Reichhart MD, 1469
Reid CM, 1294
Reid G, 1335
Reiner AP, 1628
Reith J, 2251
Remien RH, 1792
Remonda L, 1824
Renon L, 1797, 2740
Reul J, 996
Revilla M, 2103
Rey RC, 2385
Reznek RH, 551
Rhine W, 2692
Ricci PE, 553
Rich MW, 822
Richling B, 550
Ridker P, 802
Riemenschneider N, 805
Ries S, 1471
Righi D, 235
Riihelläinen K, 245
Rijcken B, 242
Riley TV, 551
Riley V, 245
Rimm EB, 552
Ringelstein EB, 920, 994, 998, 1123, 1230, 1640, 2278
Ringer T, 1965
Ringleb PA, 3084
Rinkel GJE, 800, 1467, 1791, 2528, 2976
Rinker LG, 1715
Rio F, 2734
Rippin G, 2127
Risedal A, 1470
Rissanen T, 245
Ritter LS, 1153
Rivera F, 999
Robb OJ, 2558
Roberts J II, 516
Roberts RS, 456
Roberts TPL, 1752
Robertson C, 221, 961
Robertson L, 1223
Robinson K, 2751
Robinson L, 2024
Robinson P, 1566, 2530
Robinson RG, 1482
Robinson SE, 749
Robinson TG, 463
Rockwood K, 1487
Røder M, 2936
Rodesch G, 2734
Rodríguez-García E, 1494
Roessler F, 996
Rogalewski A, 1230
Roger T, 2734
Roh J-K, 688, 2271
Røhl L, 1958
Röhrich F, 2282
Rollins KS, 526
Romics L, 2648
Roob G, 2665
Roos EJ, 2528
Roos RP, 2280
Roos Y, 993
Rordorf GA, 1136
Rosamond WD, 241, 2031, 2585, 2591
Rose JA, 77, 1457
Rose KM, 2307
Rosen BR, 244, 668, 1097
Rosenberg HK, 997
Rosenberg N, 1283
Rosenblum WI, 207, 538, 795, 1161, 1194
Rosendaal FR, 1628
Rosenwasser R, 2742
Rosing J, 1205
Ross JS, 996
Rossberg MI, 3041
Rosset E, 2034
Rossi E, 3015

Rossini PM, 805, 1463
Rossitti S, 244
Rossol S, 2971
Roth SM, 245
Röther J, 924, 3088
Rothwell PM, 128, 456, 615, 622, 1444
Rouah F, 1856
Roubin GS, 3079
Rowat AM, 2134
Rowley H, 999
Rubattu S, 802
Rubenach S, 1024, 1032
Rubin G, 246
Rudd AG, 469, 1877, 2043, 2074
Rudder L, 2739
Rudolf J, 133, 366, 1552
Rüfenacht DA, 1795
Rufini S, 802
Ruge C, 147
Ruggieri PM, 996
Ruigrok YM, 2976
Rumbach L, 2736
Runnerstam M, 901
Rupprecht H-J, 2127
Rutgers DR, 1913, 2738, 3021
Rutt BK, 1672
Ryan WR, 3089
Rydenhag B, 901
Ryglewicz D, 802
Ryssel H, 1318

Saari T, 2369
Saavedra JM, 2478
Sabetai MM, 2189
Sacco RL, 456, 984, 1001, 1468, 1521, 2346, 2623
Sachdeva N, 1204
Sadetzki S, 1283
Safar ME, 782
Sahakian BJ, 240
Sahota SK, 1794
Saito I, 493, 936, 2661
Sakaguchi S, 797
Sakaki T, 797, 3082
Sakakibara Y, 1679
Sakoh M, 1958
Sakurai M, 200
Sakurai Y, 1256
Saladini M, 2740
Salazar E, 882, 2269
Salerno J, 568
Salgado P, 2197
Salisbury S, 596
Salonen JT, 2281
Salonen O, 695, 994, 3085
Samh M, 804
Sampei K, 738, 2685
Samsó JJ, 2033
Samson Y, 2175
Sandberg K, 2485
Sander D, 3085
Sandercock PAG, 1133, 1240
Sandset PM, 2285
Sangiorgi G, 1792
Sankaralingam S, 2043
Sano M, 1792
Santizo RA, 2231, 2532
Saposnik G, 2385, 2732
Saribaş O, 1974
Sarrel PM, 415, 456
Sarti C, 1588
Sartor K, 1318, 1789, 3088
Sasaki H, 1792
Sasaki T, 1256
Sasaki Y, 1468
Satler LF, 2534
Sato H, 2661
Sato J, 968
Sato M, 1256
Sato R, 802
Satoh S-i, 2245
Saulle E, 766
Saver JL, 71, 1081, 1420, 1667, 2563
Savoia MT, 1468, 2623
Sawada T, 2739
Sawchuk AP, 554
Saxena R, 546
Sayama T, 2029
Schaap MCL, 2031
Schäbitz W-R, 1709, 2212
Schaefer PW, 2735
Schaff HV, 806
Schallert T, 1144
Schanzenbächer P, 245
Schaub R, 2736
Scheel P, 147, 1198
Schellinger PD, 1318
Schick A, 994
Schiefermeier M, 2068
Schilling L, 1195
Schimsheimer RJ, 2033
Schlachetzki F, 2342
Schlaug G, 1090
Schlosser T, 1661
Schmaier A, 805
Schmeck J, 2971
Schmidt C, 1526
Schmidt R, 2665
Schmiedek P, 1195
Schminke U, 1651
Schmitz B, 1793
Schmülling S, 133, 1552
Schmutzhard E, 841
Schneider C, 556
Schneider D, 1545
Schneider RH, 568
Schnohr P, 2531
Schobess R, 2437
Schoen FJ, 243
Schöning M, 147, 1198
Schörkhuber W, 86
Schoser BGH, 805
Schouten HJ, 555
Schouten JP, 242
Schriger DL, 1667
Schroeder EB, 2591
Schroth G, 1824
Schulte-Altedorneburg G, 1123
Schultz C, 2585
Schultz LR, 370
Schultz-Larsen K, 1038
Schulzer M, 2920
Schürer L, 2282, 2971
Schütt S, 2971
Schwab S, 1201, 1318, 2212
Schwaninger M, 2212
Schwartz AY, 2734
Schwartz RS, 1792
Schwartz SM, 1628
Schwarz C, 2068
Schwarz S, 1201
Schwindt W, 2236
Sciacca RR, 1307, 1468, 2361, 2365, 2623
Scott JF, 232
Scott P, 370
Secher NH, 1608
Seeger JM, 555
Segawa H, 896
Segura T, 2738
Sehba FA, 2734
Seidel G, 151, 554, 1462, 1728, 2342, 2421
Seijas EV, 2995
Seiler RW, 1824
Seitz RJ, 1311
Sekizawa K, 1792
Selby JV, 1202
Selim M, 2163
Senin U, 2295
Serdaroglu P, 801
Serena J, 2738
Sergent SM, 997
Serrador JM, 1672
Serrando JR, 2033
Seto M, 1468
Seward JB, 243
Seylaz J, 508
Shafford EA, 551
Shah A, 555
Shah PK, 803, 3087
Shahar E, 241, 2031
Shaivitz AB, 976
Shamash J, 551
Shan D-E, 797
Shaper AG, 1882
SHARE Investigators, 3086
Sharma AK, 2529
Sharma M, 376
Sharma P, 410
Sharma SK, 2282
Sharpe BL, 1205, 2037
Sharpe M, 1200
Sharples CM, 801
Sharrett AR, 2031
Shaw C, 886
Shearer DM, 996
Sheehan JM, 801
Sheehan JP, 801
SHEP Cooperative Research Group, 1792
Shepherd J, 805
Sherman DG, 2284
Shi J, 745
Shibasaki H, 1838
Shibata M, 241
Shibuya H, 733
Shiigai T, 2032
Shima K, 2737
Shimoda M, 241
Shin C, 169
Shin H-J, 997
Shinnar M, 2532
Shinohara N, 2616
Shinohara Y, 2739
Shintani S, 2032
Shio H, 1203, 1515
Shiokawa Y, 896
Shishkin SV, 9
Shoemaker JK, 1672
Shrum KR, 1201
Shteinshnaider M, 1217
Shuaib A, 183, 1462, 2282
Shurman A, 997
Sia RM, 1471
Sian M, 2930
Sica REP, 2385
Sicks JD, 243, 1062, 2628
Sidawy AN, 996
Siddique MS, 791, 2511
Siddiqui M, 2282
Sieber FE, 2701
Siebler M, 1311, 1335
Siepi D, 802
Siesjö BK, 183, 1462
Sigmund CD, 760
Sila CA, 596, 1796
Silander HC, 2736
Sillesen H, 2531
Silling K, 1640
Silva MD, 946, 1471, 3087
Silver B, 1090
Silver F, 999
Silver FL, 123, 2948
Silver KHC, 2390
Silvestrini M, 805, 2030, 2739
Simard D, 1856
Simmonds P, 2117
Simmons NR, 2283
Simons PJ, 543
Simpkins JW, 745
Singer DE, 1202, 2533
Singh A, 637
Singh M, 2648
Singh TM, 553
Siostrzonek P, 86
Sirimanne ES, 1793
Sirtori CR, 1104, 2426
Siscovick DS, 1628
Sitzer M, 243
Sivenius J, 2281
Skates SJ, 2533
Skinhøj P, 1116
Skrocki J, 2283
Skvortsova VI, 1472
Slany J, 2267
Slevin M, 1863
Sliwka U, 2342, 2533
Slowik A, 1863
Smeda JS, 751
Smith DW, 551
Smith GD, 1893, 2093
Smith GH, 2739
Smith K, 1509
Smith NL, 420
Smith R, 2307
Smith S, 672
Smith SE, 214
Smith TL, 2529
Smith WS, 3029
Smithard DG, 2033
Smith-Hammond CA, 563
Snels IAK, 2396
Sobesky J, 133
Sobey CG, 2460
Sobue H, 1299
Sofia V, 882, 2269
Sohn YH, 1111
Soinne L, 720
Solberg TD, 2466
Sollecito A, 238
Solomon RA, 246, 383
Solooki BA, 554
Solymosi L, 804
Solymoss S, 1856
Somes GW, 2531
Sommer C, 2212
Somogyvari-Vigh A, 1411
Song K, 1204
Sonoda A, 493, 2661
Sorensen AG, 244, 1097
Sørensen HT, 1467
Sotak CH, 946, 1202, 1471, 2494, 3087
Sourour N, 2528
Soustiel JF, 118
Spagnoli LG, 1792

Spartera C, 1473
Speizer FE, 552
Spence JD, 2735
Spencer C, 1024, 1032
Spencer MP, 1817
Speranza G, 516
Spetzler RF, 240
Spiegelman D, 552
Spilker J, 2552
Spittell PC, 243
Srour A, 2175
St. Pierre E, 2534
Ståhlberg F, 244
Stamatelopoulos S, 1791
Stamler J, 1792, 2739
Stampfer MJ, 552, 802
Stancanelli V, 1473
Standertskjöld-Nordenstam C-G, 695
Stapf C, 1307, 2361, 2365
Staples N, 1069
STAR Study Group, 993
Starkman S, 71, 1081, 1667
Starr JM, 2281
Stassi J, 997
STAT Participants, 2284
Staub L, 1925
Staufer B, 1794
Stegmayr B, 2, 26, 1289, 2936
Stehouwer CDA, 2032
Steijlen PM, 2734
Stein BM, 2361
Steinberg GK, 998
Steiner T, 1318
Steinhagen-Thiessen E, 2736
Steinke DE, 993, 2168, 2737
Steinke W, 554
Steinman DA, 2636
Steinmetz H, 243
Stender S, 553
Stensland-Bugge E, 574, 998, 1871
Stenzel-Poore M, 1715
Stern A, 555
Stern MP, 2282
Stern Y, 1792
Sterz F, 86, 2068
Stetson SW, 2034
Stevens JM, 2189
Stewart J, 2032
Stewart JA, 469
Stewart-Wynne EG, 2080
Steyn L, 1294
Stineman MG, 2521
St. Jeor S, 2751
Stolz E, 554, 2342
Stoodley M, 2280
Stott DJ, 805, 1223, 2526
Strandberg TE, 2031
Strata G, 2284
Straten A, 2610
Sträter R, 2437
Straub J, 1766
Strauss WH, 2692
Straw RN, 1200
Streifler JY, 631
Stroke Economic Analysis Group, 582
Stroke Prevention In Reversible Ischemia Trial (SPIRIT) and European Atrial Fibrillation Trial (EAFT) Study Groups, 242
Strong AJ, 214
Strong R, 1144
Strotzer M, 2275
Stump DA, 707
Stygall J, 1329, 2508
Styles P, 672
Stypmann J, 1640
Sudlow CLM, 1779
Sugawara T, 2032
Suh CK, 2055
Suh I, 995
Sulch D, 1929, 2033
Summers PE, 804
Sun GH, 1965
Sun P, 176
Sun Y, 2274
Sunderland A, 430, 545
Sundt TM, 1945
Sung GY, 1200
Suramo I, 245
Suri MFK, 376, 1200
Suttie J, 2751
Suzuki S, 1621
Suzuki T, 1365
Svärdsudd K, 1204
Sviri GE, 118
Svolba G, 2534
Swaminathan R, 2043
Swan GE, 1795
Swart J, 2734
Sweeney BJ, 805
Sykes L, 2529
Sylantiev C, 990, 991
Symms MR, 1470
Syrjälä M, 1269
Systolic Hypertension in the Elderly Program (SHEP) Cooperative Research Group, 2739
Szabo K, 2901
Szalai JP, 637
Szczudlik A, 1863
Szopinski KT, 1795

Tabata M, 1583
Tabayashi K, 200
Tada M, 930
Tada Y, 493
Tait JF, 2692
Takagi R, 240
Takahashi K, 996
Takakura K, 2528
Takeji M, 61
Takeshita E, 493
Takeshita M, 2528
Takeuchi H, 2529
Takis CE, 1791
Takishita S, 48
Tallis RC, 2529, 3088
Tamasauskas A, 2029
Tamasauskas J, 2029
Tamblyn R, 1016
Tamura H, 1646
Tanahashi N, 493, 936, 2661
Tanaka H, 1299, 2287
Tanaka K, 2616
Tanaka M, 1621
Tanaka T, 930
Tang A, 2530
Tani S, 3087
Tanimukai S, 1263
Tanizaki Y, 2616
Tanji H, 1792
Tanne D, 370
Tans G, 1205
Taoka T, 797
Tarasov AV, 9
Targa C, 1200, 2281
Tarlaci S, 1370
Taşçi B, 801
Tasker RC, 1794
Tatlisumak T, 720
Tatu L, 2736
Taub E, 662, 986, 1210
Taylor GS, 1223
Taylor PR, 804, 1472
Teal PA, 2920
Tegos TJ, 550, 2189
Tei H, 2049
Teitelbaum J, 82
Teng W, 1199, 3084
Teo KK, 3086
Teramoto A, 240
Terashi A, 2739
Terashita DM, 1204
Terborg C, 924
terBrugge KG, 1307, 2653
Terry JB, 95
Terstegge K, 133
Thal LJ, 2530
Thamilarasan M, 3085
Theuerkauf I, 1796
Thiel A, 2112, 2715
Thigpen M, 1360
Thijs VN, 2597
Thilmann AF, 2402
Thomas AM, 803
Thomas D, 550
Thomas JD, 3085
Thomas JE, 1196
Thomas L, 508
Thomas M, 998
Thomas S, 997
Thomas-Feles C, 1935
Thomassen MCLGD, 1205
Thomassin JM, 2034
Thome C, 1195
Thompson BG, 1199
Thompson JLP, 1471
Thompson MM, 40
Thompson PL, 551, 3015
Thrift AG, 801, 2087
Thrombolytic Therapy in Acute Ischemic Stroke Study Investigators, 811
Thron A, 996
Thulborn KR, 554
Tiemann K, 1661
Tietje R, 920, 2278
Tijmes N, 2734
Tilley BC, 2335
Tilvis RS, 2031
Tirilazad International Steering Committee, 2257
Tirschwell DL, 552
Titus JS, 1136
Tkach JA, 996
Todor R, 800
Tognoni G, 1796
Tohgi H, 2739
Tokuda Y, 2029
Tomasello F, 3084
Tomimoto H, 1838
Tominaga J, 241
Tomsick TA, 596, 2552
Tong BLP, 2526
Tong DC, 553, 1234, 2378, 3087
Toniato A, 2740
Toole JF, 2330
Topcuoglu MA, 2273
Topol EJ, 596, 3084
Torbey MT, 2163
Torchiana DF, 1136
Tortella FC, 1686
Toshima Y, 2245
Touboul P-J, 2736, 3088
Toung TK, 2701
Tournier-Lasserve E, 1203
tPA Stroke Survey Group, 370
Tran Dinh YR, 508
Traystman RJ, 161, 738, 976, 1173, 1694, 1793, 1939, 2685, 2699, 2701, 3041
Tremoli E, 1104, 2426
Tretter JF, 556
Tribble DL, 2751
Trifunovic J, 1289
Trobe JD, 242
Troisi E, 805, 2030, 2739
Trouillas P, 1561
Tsang W, 1202
Tschopp JF, 1402
Tseng C-L, 1792
Tsiropoulos I, 1467
Tsuchida A, 2529
Tsugane R, 241
Tsukada H, 1199, 3084
Tsuruoka S, 2032
Tu JV, 123, 1833
Tubiana JM, 1794
Tuffin J, 1793
Tuhrim S, 551, 841
Tulleken CAF, 800, 3001
Tullio MRD, 2623
Tulyapronchote R, 95
Tuncer R, 552
Tung MYY, 2285
Tunick PA, 555
Tuomilehto J, 869, 1588, 1851, 2281
Turman AB, 1370
Twisk JWR, 2396
Twomey C, 805
Tybjaerg-Hansen A, 2531
Tydén P, 2925
Tyrrell PJ, 2529
Tzirkin GM, 9

Ubbink DT, 1656
Uchimura H, 155, 2738
Uchiyama S, 2049
Uchiyama Y, 2049
Ueki K, 896
Ueno M, 1203
Ugurlu BS, 806
Ulatowski JA, 841
Ünal F, 1467
Unwin H, 1788
Ushio Y, 2141
Uswatte G, 662
Uzu T, 61

Vaeth M, 1467
Vahedi K, 1904
Vajkoczy P, 1195, 2971
Valdes EL, 2032
Valenzuela VF, 2033
Valikovics A, 2532
Valton L, 1335
Valtysson J, 2736
Van Boven M, 3084
van de Vlasakker CJW, 1817
van den Berg JSP, 2734
van den Meiracker AH, 546

van der Grond J, 1913, 2738
van der Lee JH, 988
van Duinen SG, 534
van Gijn J, 425, 800, 1467, 1791, 2976, 3001
van Huffelen AC, 1913
van Kooten F, 1502
van Lieshout JJ, 1608
van Melle G, 241, 1468, 2030, 2530, 2738, 3085
van Ree JW, 555
Vandamme X, 2175
Vanhooren G, 543
Vannemreddy PSSV, 2280
Vanninen R, 2369
Vapalahti M, 2369
Vargas CM, 19
Varma DR, 516
Varma M, 662
VASt Study Team, 2603
Vataja R, 695
Vatten L, 14
Vaughan CJ, 989, 2448
Vecchiati E, 1473
Veglia F, 1104
Velthuis BK, 2528, 2976
Vemmos KN, 1791
Venables GS, 848, 2276, 2276
Venkatesan R, 1702
Verbeeten B Jr, 800
Verma H, 804
Vermeer F, 555
Vermeulen F, 1817
Vernieri F, 805, 2030, 2739
Verreault R, 1487
Verro P, 370, 1796
Verstraeten S, 1762
Vexler ZS, 1752
Vidal-Langwasser M, 151
Videen TO, 1469, 2283
Vierkant RA S, 2157
Vigh S, 1411
Viitanen M, 53, 1602
Vila N, 792, 2103, 2325
Villa A, 2266
Vine AK, 2529
Vinogradov SP, 9
Vinogradova TE, 2, 9
Vinters HV, 534
Viñuela F, 241, 1420
Virmani R, 1792
Virtamo J, 1472, 2301
Viscoli CM, 415, 456
Visteh AG, 240
Vitek JJ, 3079
Vivancos J, 1494
Vivas E, 2528
Vloet LCM, 1615
Vogel J, 3088
Vogt TM, 1792
Vokó Z, 1201
Volpato S, 990
Volpe BT, 1365
Volpe M, 802
von Kummer R, 133, 231, 232, 1545, 1785, 2523
Vonk CM, 800
Vonsattel J-PG, 208
Vos P, 2670
Vosko MR, 1794
Voss S, 1230
Vriens EM, 2738
Vuillier F, 2736
Vuksan V, 3086
Vupputuri S, 995

Wada K, 2033
Wade DT, 1429
Wadlington VR, 95
Waeber C, 208
Wagenaar RC, 988
Wagner DP, 448
Wagner KR, 795
Wahlgren NG, 82, 1250
Wakhloo AK, 376, 549
Wakisaka M, 2487
Wakita H, 1838
Walker A, 1795
Walker ARP, 1294
Walker JM, 2508
Walker RW, 3086
Walker-Batson D, 1788
Wallace C, 2653
Wallenfang T, 2734
Waller SMC, 2390
Walter B, 3087
Walter GF, 804
Walter U, 245
Waltimo O, 651
Wang DZ, 77, 1457
Wang PY, 726
Wang S-L, 2354
Wang X-Q, 448
Wang Y, 404, 1386, 1802
Wang Z, 534
Wannamethee SG, 1882
Warach S, 1090
Ward AB, 2402
Ward CD, 2402
Wardlaw JM, 714, 803, 1133, 1444, 2134, 2723, 3008
Warlow CP, 615, 622, 714, 803, 1133, 1200, 1240, 1444, 2117, 2134, 3008
Warmuth-Metz M, 804
Warner DS, 191
Warshafsky S, 1204
Waschke KF, 1393
Wassertheil-Smoller S, 1792
Watanabe K, 493, 936, 1256, 2661
Watanabe Y, 2487, 2736
Watkins CL, 2529
Watson JC, 967, 1701, 2282
Watzke HH, 2534
Weatherall M, 2517
Webb JAW, 551
Weber R, 1935
Weber S, 920, 2278, 2342
Weber U, 2251
Webster J, 2558
Webster MW, 1469
Wechsler B, 3080
Wechsler L, 999
Wechsler LR, 246
Wedeen VJ, 244
Weems K, 71
Wei EP, 2229
Wei L, 2707
Wei M, 2282
Weih M, 2272
Weihl CC, 2280
Weiller C, 924, 1210, 3088
Wein TH, 140, 1204, 1925
Weinberger J, 551, 1203
Weinehall L, 1289
Weir B, 2149
Weiss ST, 242
Weisskoff RM, 244, 1097
Weltermann BM, 1230
Wendel-Wellner M, 2971
Wendland M, 1752
Wenserski F, 1311
Werner I, 1935
Wessel T, 2543
Westendorp RGJ, 805, 2031
Westerberg G, 2736
Westermann CJJ, 2285
Whelton PK, 995
Whisnant JP, 243, 1062, 2628
Whitall J, 2390
Whitehead J, 2533
Whiting D, 3086
Whittington DJ, 214
WHO MONICA Project, 1054
Wiart L, 1829
Wiart M, 1561
Wiblin RT, 2741
Wichter T, 1640
Widén Holmqvist L, 1352
Wiebers DO, 243, 1062, 2628, 2742
Wieling W, 1608
Wienhard K, 366
Wierzchowska E, 802
Wiesmann M, 2421
Wiggam MI, 1426
Wigger F, 1935
Wijdicks EFM, 1458, 2062, 2157
Wijnhoud AD, 546
Wikstrand J, 1526
Wild JM, 3008
Wilkening W, 1460
Wilkinson ID, 848, 2276, 2276
Willemse RB, 2285
Willet WC, 552
Williams AJ, 1686
Williams GR, 2414
Williams JBW, 1792
Williams K, 886
Williams LS, 858
Williams MA, 841
Williams SR, 1470, 1794
Willis BK, 2280
Willumsen L, 2029
Winbeck K, 3085
Winblad B, 53
Winfree CJ, 3047
Winn HR, 549, 800
Winsor A, 1024, 1032
Wisniewski S, 246
Wissel J, 2402
Wissman S, 998
Wiszniewska M, 2738
Witkamp TD, 800
Witteman JCM, 425, 1201
Wittrup HH, 2531
Wittsack H-J, 1311
Wityk RJ, 1194
Wohlgemuth WA, 1123
Wojak JC, 246
Wojner AW, 610, 915, 1812
Wolbers JG, 2285
Wolf PA, 1795
Wolfe CDA, 469, 1877, 2043, 2074
Wolfe J, 550
Wolfson C, 1856
Wong A, 2641
Wong JH, 834, 2534
Wong KS, 2530, 2641
Wong PC, 2685
Woo D, 2552
Woo J, 2530
Woo KS, 552
Wood-Dauphinee S, 1016
Woolfenden AR, 2920
Wu KK, 241
Wu O, 244, 1097
Wu X, 551
Wu Y, 1793
Wu Y-C, 383
Wulf JA, 805
Wunderlich MT, 645, 2670
Wylie-Rosett J, 2751

Xi G, 795, 2737
Xie JX, 1240
Xu H, 3087
Xu J, 193, 1744
Xu XM, 193, 1945
Xue D, 803
Xue M, 1721

Yagita Y, 1735
Yair D, 892
Yakovleva EV, 1472
Yamada I, 733
Yamaguchi T, 48, 817, 2033, 2739
Yamaki T, 2280
Yamamoto M, 493
Yamamoto S, 1199, 3084
Yamamoto Y, 240
Yamauchi H, 1203, 1515
Yamauchi T, 930
Yanagihara T, 1735
Yanaka K, 994
Yang F, 2032
Yang S-H, 745
Yang Y, 907, 2282
Yano J, 3087
Yao H, 155, 2738
Yasaka M, 2033
Yasuda M, 1263
Yates M, 2529
Yavuz C, 1467
Ye S, 2231
Yenari M, 1965, 2692
Yi C, 3086
Yilmaz EY, 858
Yip P-K, 701
Ylikoski R, 2952, 3085
Yokoyama T, 1299, 2287
Yonas H, 246
Yoon B-W, 688
Yoon H-K, 997
Yoshida J, 2029
Yoshida T, 493, 936
Yoshiike N, 2287
Yoshioka H, 2029
Yoshita K, 1583
Yu G, 2106, 2284
Yu WR, 2736
Yundt KD, 1469, 2283
Yusuf S, 3086
Yutani C, 61
Yuzuriha T, 2738

Zaharchuk G, 796
Zakhary MM, 1889
Zakopoulos NA, 1791
Zäll S, 901
Zanette EM, 2407
Zannetti S, 1473

Zarins CK, 553
Zaroff JG, 1136
Zei E, 1538
Zeiner A, 86
Zeng J, 1470
Zhang H, 383
Zhang J, 2283
Zhang JH, 526, 1377
Zhang Y, 3047
Zhang Z-du, 2280
Zhang ZG, 1202
Zhao Z, 176
Zhu L, 53
Zhuang Y-J, 553
Zieliñska J, 802
Zilkha E, 1470
Zimmermann C, 1794
Zis VP, 1791
Zivin JA, 1953, 2223, 3034
Zlokovic BV, 3063
Zoder W, 2212
Zorowitz RD, 2521
Zubkov AY, 526, 1377
Zuccarello M, 791
Zuliani G, 990
Zunker P, 994
Zureik M, 2736
Zwiener U, 3087

Subject Index

Volume 31, January–December 2000

A

Abciximab
Fatal Hemorrhagic Transformation of Acute Cerebral Infarction After the Use of Abciximab, letter, 2518. Response, 2519

Acetazolamide
Cerebral Hemodynamics in CADASIL Before and After Acetazolamide Challenge Assessed With MRI Bolus Tracking, 1904
The Dose-Response Relationship of Acetazolamide on the Cerebral Blood Flow in Normal Subjects, abstract, 1470
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study, 508. Editorial comment, 514
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? Letter, 2271. Response, 2272
Vasodilatory Response of Border Zones to Acetazolamide Before and After Endarterectomy: An Echo Planar Imaging–Dynamic Susceptibility Contrast-Enhanced MRI Study in Patients With High-Grade Unilateral Internal Carotid Artery Stenosis, 1561
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? Letter, 2271. Response, 2272

Acetylcholine
Impaired Endothelial Function in Transgenic Mice Expressing Both Human Renin and Human Angiotensinogen, 760. Editorial comment, 765

Acquired immunodeficiency syndrome
Cerebral Infarction in Adult AI Patients: Observations From the Edinburgh HIV Autopsy Cohort, 2117

Actinobacteria group
An Uncommon Cause of Recurrent Strokes: Tropheryma whippelii Endocarditis, 2002

Adherence
Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415

Adhesion molecules
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235

Aged
Adverse Outcomes and Predictors of Underuse of Antithrombotic Therapy in Medicare Beneficiaries With Chronic Atrial Fibrillation, 822
Geographic Variation in Stroke Risk in the United States: Region, Urbanization, and Hypertension in the Third National Health and Nutrition Examination Survey, 19

Aging
C-Reactive Protein, Cardiovascular Risk Factors, and Mortality in a Prospective Study in the Elderly, abstract, 2031
Cerebral Blood Flow in Nondemented Elderly Subjects With Extensive Deep White Matter Lesions on Magnetic Resonance Imaging, abstract, 2738
Cerebral Oxygenation Declines in Healthy Elderly Subjects in Response to Assuming the Upright Position, 1615
Color Duplex Measurement of Cerebral Blood Flow Volume in Healthy Adults, 147
Conventional Physiotherapy and Treadmill Re-Training for Higher-Level Gait Disorders in Cerebrovascular Disease, abstract, 3088
Dynamic Cerebral Autoregulation Is Unaffected by Aging, 2895
Who Benefits From Treatment and Rehabilitation in a Stroke Unit? A Community-Based Study, 434

Alcohol drinking
The Effect of Acute Ingestion of a Large Dose of Alcohol on the Hemostatic System and Its Circadian Variation, 1269
Serum Gamma-Glutamyl Transferase, Self-Reported Alcohol Drinking, and the Risk of Stroke, 1851

Alkalosis
Penumbral Tissue Alkalosis in Focal Cerebral Ischemia: Relationship to Energy Metabolism; Blood Flow; and Steady Potential, abstract, 1793

Altitude
Cerebral Autoregulation in Subjects Adapted and Not Adapted to High Altitude, 2314

Alzheimer disease
Impact of White Matter Changes on Clinical Manifestation of Alzheimer's Disease: A Quantitative Study, 2182

Ambulances
Activation of Emergency Medical Services for Acute Stroke in a Nonurban Population: The T.L.L. Temple Foundation Stroke Project, 1925

American Heart Association
Addendum to the Supplement to the Guidelines for the Management of Transient Ischemic Attacks, 1001
CVA: Reducing the Risk of a Confused Vascular Analysis: The Feinberg Lecture, 1451
Supplement to the AHA Guidelines for the Management of Transient Ischemic Attacks, 983. Response, 984

4-Aminopyridine
Selective Effects of Subarachnoid Hemorrhage on Cerebral Vascular Responses to 4-Aminopyridine in Rats, 2460. Editorial comment, 2465

Amino reductases
Frequent Polymorphism of the Human Methylenetetrahydrofolate Reductase. Letter to the Editor, 990. Response, 990

Amnesia
Amnesia due to Fornix Infarction, 1418

Amphetamines
No Side Effects After Low-Dose Amphetamine Administration in Stroke Rehabilitation, 1788

Amyloid
Rate of Stroke Recurrence in Patients With Primary Intracerebral Hemorrhage, 123
Toxicity of Dutch (E22Q) and Flemish (A21G) Mutant Amyloid β Proteins to Human Cerebral Microvessel and Aortic Smooth Muscle Cells, 534. Editorial comment, 538

Amyloidosis
Amyloid β-Protein Length and Cerebral Amyloid Angiopathy-Related Haemorrhage, abstract, 2032

Anesthesia
Clinical Outcomes After Carotid Endarterectomy: Comparison of the Use of Regional and General Anesthetics, abstract, 1472
Patients Satisfaction After Carotid Endarterectomy Using a Selective Policy of Local Anesthesia, abstract, 3089

Aneurysm
Carotid and Transcranial Color-Coded Duplex Sonography in Different Types of Carotid-Cavernous Fistula, 701
Cerebral Aneurysms Treated by Guglielmi Detachable Coils: Evaluation With Diffusion-Weighted MR Imaging, abstract, 2528
Cerebrospinal Fluid Creatine Kinase-BB Isoenzyme Activity and Outcome After Subarachnoid Hemorrhage, abstract, 800
Clinical and Angiographic Results of Endosaccular Coiling Treatment of Giant and Very Large Intracranial Aneurysms: A 7-Year; Single-Center Experience, abstract, 550
Clinical Features of Intracranial Aneurysms in Siblings, abstract, 2528
Computed Tomographic Angiography Versus Digital Subtraction Angiography for the Diagnosis and Early Treatment of Ruptured Intracranial Aneurysms, abstract, 993
Efficacy and Current Limitations of Intravascular Stents for Intracranial Internal Carotid, Vertebral, and Basilar Artery Aneurysms, abstract, 549
Ethnicity in Stroke: Practical Implications, 2732. Response, 2732
Extracranial Carotid Artery Aneurysms: Texas Heart Institute Experience, abstract, 2034
Factors Associated With Aneurysm Size in Patients With Subarachnoid Hemorrhage: Effect of Smoking and Aneurysm Location, abstract, 1200
False Localization of Rupture Site in Patients With Multiple Cerebral Aneurysms and Subarachnoid Hemorrhage, abstract, 2280

Functional Outcome and Quality of Life After Angiography and Operation For Unruptured Intracranial Aneurysms, abstract, 2280
Inflammation and Intracranial Aneurysms, abstract, 800
Intracranial Aneurysms and Cocaine Abuse: Analysis of Prognostic Indicators, abstract, 2280
Intracranial Aneurysms: Detection With Gadolinium-Enhanced Dynamic Three-Dimensional MR Angiography: Initial Results, abstract, 2734
MR Angiography as a Screening Tool For Intracranial Aneurysms: Feasibility, Test Characteristics, and Interobserver Agreement, abstract, 800
Prevalence of Symptomatic Intracranial Aneurysm and Ischemic Stroke in Pseudoxanthoma Elasticum, abstract, 2734
Prospective Analysis of Aneurysm Treatment in a Series of 103 Consecutive Patients When Endovascular Embolization Is Considered the First Option, abstract, 3084
The Relation Between Aneurysm Size and Outcome in Patients With Subarachnoid Hemorrhage, abstract, 2528
Small, Unruptured Intracranial Aneurysms and Management of Symptomatic Carotid Artery Stenosis, abstract, 2734
Surgical Treatment of Extracranial Internal Carotid Artery Aneurysms, abstract, 2034

Aneurysm, dolichoectatic
Clinicopathological Study of Intracranial Fusiform and Dolichoectatic Aneurysms: Insight on the Mechanism of Growth, 896

Aneurysm, fusiform
Clinicopathological Study of Intracranial Fusiform and Dolichoectatic Aneurysms: Insight on the Mechanism of Growth, 896

Aneurysm, giant
Clinicopathological Study of Intracranial Fusiform and Dolichoectatic Aneurysms: Insight on the Mechanism of Growth, 896

Angiogenesis
Serial Measurement of Vascular Endothelial Growth Factor and Transforming Growth Factor-β1 in Serum of Patients With Acute Ischemic Stroke, 1863

Angiography
CT Angiography for the Detection of Cerebral Vasospasm in Patients With Acute Subarachnoid Hemorrhage, abstract, 2737
Deterioration Following Spontaneous Improvement: Sonographic Findings in Patients With Acutely Resolving Symptoms of Cerebral Ischemia, 915
Intracranial Aneurysms: Detection With Gadolinium-Enhanced Dynamic Three-Dimensional MR Angiography: Initial Results, abstract, 2734
Regional Myocardial Perfusion After Experimental Subarachnoid Hemorrhage, 1136. Editorial comment, 1142
Renal Artery Lesions in Patients With Moyamoya Disease: Angiographic Findings, 733
Silent Embolism in Diagnostic Cerebral Angiography and Neurointerventional Procedures: A Prospective Study, abstract, 804
Transcranial Doppler Ultrasound Criteria for Recanalization After Thrombolysis for Middle Cerebral Artery Stroke, 1128

Angiography, computed tomographic
CT Angiography for the Detection and Characterization of Carotid Artery Bifurcation Disease, 2168
Perimesencephalic Hemorrhage and CT Angiography: A Decision Analysis, 2976

Angiography, digital subtraction
Transfemoral Digital Subtraction Angiography for Assessment of Vertebral Artery Occlusion in Rats, 1789

Angiography, magnetic resonance
Atherothrombotic Middle Cerebral Artery Territory Infarction: Topographic Diversity With Common Occurrence of Concomitant Small Cortical and Subcortical Infarcts, 2055
Impact on Stroke Subtype Diagnosis of Early Diffusion-Weighted Magnetic Resonance Imaging and Magnetic Resonance Angiography, 1081
MR Angiography as a Screening Tool For Intracranial Aneurysms: Feasibility, Test Characteristics, and Interobserver Agreement, abstract, 800
MR Angiography For the Long-Term Follow-Up of Dissecting Aneurysms of the Extracranial Internal Carotid Artery, abstract, 1794
MR Angiography of Moyamoya Disease Before and After Encephaloduroarteriosynangiosis, abstract, 997
Noninvasive Cerebrovascular Assessment of Takayasu Arteritis, 2197
Preoperative MRA Flow Quantification in A Patients: Flow Differences Between Patients Who Develop Cerebral Ischemia and Patients Who Do Not Develop Cerebral Ischemia During Cross-Clamping of the Carotid Artery, 3021
Vascular Risk Factors for Atherosclerotic Lesions of the Middle Cerebral Artery Detected by Magnetic Resonance Angiography (MRA), abstract, 996

Angioplasty
Comparison of Microembolism Detected by Transcranial Doppler and Neuropsychological Sequelae of Carotid Surgery and Percutaneous Transluminal Angioplasty, 1329
Effect of Endovascular Services and Hospital Volume on Cerebral Aneurysm Treatment Outcomes, 111
Elective Stenting of Symptomatic Basilar Artery Stenosis, 95
Identification of Patients at Risk for Periprocedural Neurological Deficits Associated With Carotid Angioplasty and Stenting, 376
Percutaneous Transluminal Angioplasty for Intracranial Atherosclerotic Lesions: Evolution of Technique and Short-Term Results, abstract, 246
Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NAST-Ineligible Patients, 3029
Systematic Comparison of the Early Outcome of Angioplasty and Endarterectomy for Symptomatic Carotid Artery Disease, 1439. Letters, 2522, 3079. Responses, 2523, 3079
Unilateral Leptomeningeal Enhancement After Carotid Stent Insertion Detected by Magnetic Resonance Imaging, 848

Angiotensin converting enzyme inhibitors
ACE-Inhibition Promotes Apoptosis After Balloon Injury of Rat Carotid Arteries, abstract, 1470

Angiitis
Brain Biopsy in Primary Angiitis of the Central Nervous System, abstract, 242

Animal models
Failure of Standards in Reporting the Composition of Artificial Cerebral Spinal Fluid in Studies of the Pial Blood Vessels. Letter, 1194

Antibodies, anticardiolipin
Anticardiolipin Antibodies Are an Independent Risk Factor For Ischemic Stroke, abstract, 802

Antibodies, antiphospholipid
Antiphosphatidyl Serine Antibodies are Independently Associated With Ischemic Stroke, abstract, 551

α_1-Antichymotrypsin
α_1-Antichymotrypsin Gene Polymorphism in Patients With Stroke, 2103

Anticoagulants
Anticoagulant Patient Information Material Is Written at High Readability Levels, 2966
Antithrombotic Therapy to Prevent Stroke in Patients With Atrial Fibrillation: A Meta Analysis, abstract, 555
Efficacy of Anticoagulation in Resolving Left Atrial and Left Atrial Appendage Thrombi: A Transesophageal Echocardiographic Study, abstract, 3085
Low Molecular-Weight Heparin Versus Aspirin in Patients With Acute Ischaemic Stroke and Atrial Fibrillation: A Double-Blind Randomised Study, abstract, 2285
Major Bleeding During Anticoagulation After Cerebral Ischemia: Patterns and Risk Factors, abstract, 242
Oral Anticoagulation Self-Management and Management by a Specialist Anticoagulation Clinic: A Randomised Cross-Over Comparison, abstract, 2740
Primary Prevention of Arterial Thromboembolism in Non-Rheumatic Atrial Fibrillation in Primary Care: Randomised Controlled Trial Comparing Two Intensities of Coumarin With Aspirin, abstract, 555
A Prospective Controlled Trial Comparing Weekly Self-Testing and Self-Dosing With the Standard Management of Patients on Stable Oral Anticoagulation, abstract, 2534
Safety and Cost of Low-Molecular-Weight Heparin as Bridging Anticoagulant Therapy in Subacute Cerebral Ischemia, 2563
Secondary Stroke Prevention in Atrial Fibrillation: Lessons From Clinical Practice, 2106
Sex Differences and Similarities in the Management and Outcome of Stroke Patients, 1833

Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217

Anticonvulsant

Is Pharmacological Neuroprotection Dependent on Reduced Glutamate Release? 766. Editorial comment, 773

Antidepressant agents

Fluoxetine in Early Poststroke Depression: A Double-Blind Placebo-Controlled Study, 1829

Antioxidants

Antioxidant Profile and Early Outcome in Stroke Patients, 2295

Intake of Flavonoids, Carotenoids, Vitamins C and E, and Risk of Stroke in Male Smokers, 2301

Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 33

Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, letter, 2273

Antiphospholipid syndrome

Brain MRI in Patients With Past Lupus-Associated Chorea, 3080

Antiplatelet agents

Reduction in the Need for Hospitalization for Recurrent Ischemic Events and Bleeding With Clopidogrel Instead of Aspirin, abstract, 3084

Antiplatelet therapy

Sex Differences and Similarities in the Management and Outcome of Stroke Patients, 1833

Specific Impairment of Human Platelet $P2Y_{AC}$ ADP Receptor-Mediated Signaling by the Antiplatelet Drug Clopidogrel, abstract, 245

Antithrombotic therapy

Antithrombin Therapy for Intracerebral Hemorrhage. Letter, 794. Response, 795

Antithrombotic and Antihypertensive Management 3 Months After Ischemic Stroke: A Prospective Study in an Inner City Population, 469

Intravenous Ancrod For Treatment of Acute Ischemic Stroke---The STAT Study: A Randomized Controlled Trial, abstract, 2284

Underuse of Antithrombotic Therapy in Stroke Patients With Chronic Atrial Fibrillation, 2266. Response, 2266

Aorta

White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952

Aortic arch

Aortic Atheroma Morphology and the Risk of Ischemic Stroke in a Multiethnic Population, abstract, 1468

Gender Differences in the Risk of Ischemic Stroke Associated With Aortic Atheromas, 2623

In Vivo Magnetic Resonance Evaluation of Atherosclerotic Plaques in the Human Thoracic Aorta: A Comparison With Transesophageal Echocardiography, abstract, 2532

Plaque Morphology Correlates With Cerebrovascular Symptoms in Patients With Complex Aortic Arch Plaque, abstract, 1203

Protruding Aortic Arch Atheromas: Risk of Stroke During Heart Surgery With and Without Aortic Arch Endarterectomy, abstract, 555

Aphasia

Piracetam Improves Activated Blood Flow and Facilitates Rehabilitation of Poststroke Aphasic Patients, 2112

Apolipoproteins

Age-Dependent Association of Apolipoprotein E Genotypes With Stroke Subtypes in a Japanese Rural Population, 1299

Apolipoprotein E Polymorphism in Cerebrovascular Disease, abstract, 2530

Apolipoprotein E Polymorphism: Survival and Neurological Outcome After Cardiopulmonary Resuscitation, 2068

Association Between Severe Cerebral Amyloid Angiopathy and Cerebrovascular Lesions in Alzheimer Disease Is Not a Spurious One Attributable to Apolipoprotein E4, abstract, 2530

Effect of the Apolipoprotein E ϵ4 Allele on White Matter Hyperintensities in Dementia, 1263

Incidence of Dementia in Relation to Stroke and the Apolipoprotein E ϵ4 Allele in the Very Old: Findings From a Population-Based Longitudinal Study, 53

Stroke and Apolipoprotein E ϵ4 Are Independent Risk Factors for Cognitive Decline: A Population-Based Study, 2431

Apoptosis

^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699

Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181

Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742

The Cytosolic Antioxidant Copper/Zinc–Superoxide Dismutase Prevents the Early Release of Mitochondrial Cytochrome c in Ischemic Brain After Transient Focal Cerebral Ischemia in Mice, abstract, 2032

Oxygen-Glucose Deprivation Induces Inducible Nitric Oxide Synthase and Nitrotyrosine Expression in Cerebral Endothelial Cells, 1744. Editorial comment, 1751

Arm

Objective Measurement of Functional Upper-Extremity Movement Using Accelerometer Recordings Transformed With a Threshold Filter, 662

Arrhythmia

Cardiac Arrhythmias and Stroke: Increased Risk in Men With High Frequency of Atrial Ectopic Beats, 2925

Arterial occlusive diseases

Association Between High Homocyst(e)ine and Ischemic Stroke due to Large- and Small-Artery Disease but Not Other Etiologic Subtypes of Ischemic Stroke, 1069

Detection of Stenoses in The Anterior Circulation Using Frequency-Based Transcranial Color-Coded Sonography, abstract, 2533

Significance of Increased Oxygen Extraction Fraction in Five-Year Prognosis of Major Cerebral Arterial Occlusive Diseases, abstract, 1203

Use of Transcranial Doppler Ultrasound to Predict Outcome in Patients With Intracranial Large-Artery Occlusive Disease, 2641

Arterial wall

Adaptive Remodeling of Internal Elastic Lamina and Endothelial Lining During Flow-Induced Arterial Enlargement, abstract, 553

Evaluation of Common Carotid Hemodynamic Forces: Relations With Wall Thickening, abstract, 804

Folic Acid Inhibits Homocysteine-Induced Proliferation of Human Arterial Smooth Muscle Cells, abstract, 996

Increased Carotid Intimal-Medial Thickness and Coronary Calcification Are Related in Young and Middle-Aged Adults: The Muscatine Study, abstract, 242

Postischemic Attenuation of Cerebral Artery Reactivity Is Increased in the Presence of Tissue Plasminogen Activator, 940

Presence of Tissue Plasminogen Activator. Editorial comment, 945

Stiffness of Carotid Artery Wall Material and Blood Pressure in Humans: Application to Antihypertensive Therapy and Stroke Prevention, 782

Arteritis

Noninvasive Cerebrovascular Assessment of Takayasu Arteritis, 2197

Ascorbic acid

Serum Vitamin C Concentration Was Inversely Associated With Subsequent 20-Year Incidence of Stroke in a Japanese Rural Community: The Shibata Study, 2287

Aspirin

Adverse Outcomes and Predictors of Underuse of Antithrombotic Therapy in Medicare Beneficiaries With Chronic Atrial Fibrillation, 822

Aspirin-Associated Intracerebral Hemorrhage: Clinical and Radiologic Features, abstract, 2530

Aspirin Use and the Prevention of Acute Ischemic Cranial Nerve Palsy, abstract, 2034

Does Prior Use of Aspirin Affect Outcome in Ischemic Stroke? abstract, 2033

Effects of Fixed Low-Dose Warfarin, Aspirin-Warfarin Combination Therapy, and Dose-Adjusted Warfarin on Thrombogenesis in Chronic Atrial Fibrillation, 828

Increased Platelet Sensitivity to Collagen in Individuals Resistant to Low-Dose Aspirin, 591

Indications for Early Aspirin Use in Acute Ischemic Stroke: A Combined Analysis of 40 000 Randomized Patients From the Chinese Acute Stroke Trial and the International Stroke Trial, 1240

Placebo Treatment in Acute Stroke Trials: Benefit or Harm to Patients? 355
Randomized Pilot Trial of Postoperative Aspirin in Subarachnoid Hemorrhage, abstract, 1467
Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217

Astrocytes
High Susceptibility to Cerebral Ischemia in GFAP-Null Mice, abstract, 2737

Atherosclerosis
Chlamydia pneumoniae and the Risk of First Ischemic Stroke: The Northern Manhattan Stroke Study, 1521
The A677V MTHFR Allele Is Not Associated With Carotid Atherosclerosis in Octogenarians, 990. Response, 991
An Objective Characterization of Atherosclerotic Lesion: An Alternative Method to Identify Unstable Plaque, 1921
Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly, 425
Are Morphological or Functional Changes in the Carotid Artery Wall Associated With Chlamydia pneumoniae, Helicobacter pylori, Cytomegalovirus, or Herpes Simplex Virus Infection? 2127
Association Between Risk Factors for Atherosclerosis and Mechanical Forces in Carotid Artery, 2319
Carotid Atherosclerosis, Vascular Risk Profile and Mortality in a Population-Based Sample of Functionally Healthy Elderly Subjects: The Berlin Ageing Study, abstract, 2736
Carotid Plaque Gross Morphology and Clinical Presentation: A Prospective Study of 457 Carotid Artery Specimens, abstract, 1797
Chlamydia pneumoniae Does Not Influence Atherosclerotic Plaque Behavior in Patients With Established Carotid Artery Stenosis, 2930
Chlamydia Pneumoniae Infection and Early Asymptomatic Carotid Atherosclerosis, abstract, 243
Common Carotid Intima-Media Thickness Predicts Occurrence of Carotid Atherosclerotic Plaques: Longitudinal Results From the Aging Vascular (EVA) Study, abstract, 2736
Differences in Risk Factors; Atherosclerosis; and Cardiovascular Disease Between Ethnic Groups in Canada: The Study of Health Assessment and Risk in Ethnic Groups (SHARE), abstract, 3086
The Direct Antiatherogenic Effect of Estrogen Is Present, Absent, or Reversed, Depending on the State of the Arterial Endothelium: A Time Course Study in Cholesterol-Clamped Rabbits, abstract, 553
Effects of Stress Reduction on Carotid Atherosclerosis in Hypertensive African Americans, 568
Hyperfibrinogenemia Is Associated With Specific Histocytological Composition and Complications of Atherosclerotic Carotid Plaques in Patients Affected by Transient Ischemic Attacks, abstract, 1792
Increased Matrix Metalloproteinase-9 Activity in Unstable Carotid Plaques: A Potential Role in Acute Plaque Disruption, 40
Lack of Association Between Seropositivity to *Chlamydia Pneumoniae* and Carotid Atherosclerosis, abstract, 551
Mobile Atheroma of the Aortic Arch and the Risk of Carotid Artery Disease, abstract, 999
Noncollagenous Bone Matrix Proteins, Calcification, and Thrombosis in Carotid Artery Atherosclerosis, abstract, 243
Percutaneous Transluminal Angioplasty for Intracranial Atherosclerotic Lesions: Evolution of Technique and Short-Term Results, abstract, 246
Protruding Aortic Arch Atheromas: Risk of Stroke During Heart Surgery With and Without Aortic Arch Endarterectomy, abstract, 555
Serum Ferritin and C282Y Mutation of the Hemochromatosis Gene as Predictors of Asymptomatic Carotid Atherosclerosis in a Community Population, 3015
Sex Differences in the Relationship of Risk Factors to Subclinical Carotid Atherosclerosis Measured 15 Years Later: The Tromsø Study, 574
Smoking and Atherosclerotic Cardiovascular Disease in Men With Low Levels of Serum Cholesterol: The Korea Medical Insurance Corporation Study, abstract, 995
Smoking Increases Tissue Factor Expression in Atherosclerotic Plaques: Implications for Plaque Thrombogenicity, abstract, 3087
The Symptomatic Carotid Plaque, 774
Three-Dimensional Ultrasound Observation of Carotid Artery Plaque Ulceration, 1651
Vascular Risk Factors for Atherosclerotic Lesions of the Middle Cerebral Artery Detected by Magnetic Resonance Angiography (MRA), abstract, 996
Westernization of Chinese Adults and Increased Subclinical Atherosclerosis, abstract, 552

Atrial fibrillation
Adverse Outcomes and Predictors of Underuse of Antithrombotic Therapy in Medicare Beneficiaries With Chronic Atrial Fibrillation, 822
Antithrombotic Therapy to Prevent Stroke in Patients With Atrial Fibrillation: A Meta Analysis, abstract, 555
Effects of Fixed Low-Dose Warfarin, Aspirin-Warfarin Combination Therapy, and Dose-Adjusted Warfarin on Thrombogenesis in Chronic Atrial Fibrillation, 828
Optimal Intensity of Warfarin Therapy for Secondary Prevention of Stroke in Patients With Nonvalvular Atrial Fibrillation: A Multicenter, Prospective, Randomized Trial, 817
Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease: A Population-Based Study, 2628
Primary Prevention of Arterial Thromboembolism in Non-Rheumatic Atrial Fibrillation in Primary Care: Randomised Controlled Trial Comparing Two Intensities of Coumarin With Aspirin, abstract, 555
Prospective Cohort Study to Determine If Trial Efficacy of Anticoagulation for Stroke Prevention in Atrial Fibrillation Translates Into Clinical Effectiveness, abstract, 2284
Safety and Cost of Low-Molecular-Weight Heparin as Bridging Anticoagulant Therapy in Subacute Cerebral Ischemia, 2563
Secondary Stroke Prevention in Atrial Fibrillation: Lessons From Clinical Practice, 2106
Underuse of Antithrombotic Therapy in Stroke Patients With Chronic Atrial Fibrillation, 2266. Response, 2266
Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217
Warfarin Use Among Ambulatory Patients With Nonvalvular Atrial Fibrillation: The ANTicoagulation and Risk Factors in Atrial Fibrillation (ATRIA) Study, abstract, 1202

Atrial thrombi
Efficacy of Anticoagulation in Resolving Left Atrial and Left Atrial Appendage Thrombi: A Transesophageal Echocardiographic Study, abstract, 3085

Atrophy
Impact of White Matter Changes on Clinical Manifestation of Alzheimer's Disease: A Quantitative Study, 2182
Memory Impairment in Out-of-Hospital Cardiac Arrest Survivors Is Associated With Global Reduction in Brain Volume, Not Focal Hippocampal Injury, 1509

Australia
Epidemiology of Aneurysmal Subarachnoid Hemorrhage in Australia and New Zealand: Incidence and Case Fatality From the Australasian Cooperative Research on Subarachnoid Hemorrhage Study (ACROSS), 1843
Five-Year Survival After First-Ever Stroke and Related Prognostic Factors in the Perth Community Stroke Study, 2080
Stroke Incidence on the East Coast of Australia: The North East Melbourne Stroke Incidence Study (NEMESIS), 2087

Autoantibodies
Anticardiolipin Antibodies Are Not an Independent Risk Factor for Stroke: An Incident Case-Referent Study Nested Within the MONICA and Västerbotten Cohort Project, 1289

Autopsy
Collateral Configuration of the Circle of Willis: Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy, 1346
Prevalence of Renal Artery Stenosis in Autopsy Patients With Stroke, 61

Autoradiography
Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401

Autoregulation
Assessment of the Thigh Cuff Technique for Measurement of Dynamic Cerebral Autoregulation, 476

Cerebral Autoregulation in Subjects Adapted and Not Adapted to High Altitude, 2314
Cerebral Dynamics of Autoregulation and Hypoperfusion. Letter to the Editor, 795. Response, 796
Dynamic Cerebral Autoregulation Is Unaffected by Aging, 2895
Dynamic Regulation of Middle Cerebral Artery Blood Flow Velocity in Aging and Hypertension, 1897
Effect of Short-Term Hyperventilation on Cerebral Blood Flow Autoregulation in Patients With Acute Bacterial Meningitis, 1116
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study, 508. Editorial comment, 514
Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401

Axons
White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952

B

Baboons
A Modified Transorbital Baboon Model of Reperfused Stroke, 3054. Editorial comment, 3063

Balloon embolization
Balloon-Assisted Guglielmi Detachable Coiling of Wide-Necked Aneurysms, Part 1: Experimental Evaluation, abstract, 241

Baroreflex
Brain Stem Stroke Causing Baroreflex Failure and Paroxysmal Hypertension, 1997

Basilar artery
Elective Stenting of Symptomatic Basilar Artery Stenosis, 95
Factors Affecting Survival Rates for Acute Vertebrobasilar Artery Occlusions Treated With Intra-Arterial Thrombolytic Therapy: A Meta-Analytical Approach, abstract, 246
Posterior Circulation Ischemia: Then, Now, and Tomorrow: The Thomas Willis Lecture—2000, 2011
Selective Effects of Subarachnoid Hemorrhage on Cerebral Vascular Responses to 4-Aminopyridine in Rats, 2460. Editorial comment, 2465
Visualization of the Basilar Artery By Transcranial Color-Coded Duplex Sonography: Comparison With Postmortem Results, 1123

Behavior
Cognitive Deficits After Focal Cerebral Ischemia in Mice, 1939. Editorial comment, 1944

Behçet's syndrome
Clinical Patterns of Neurological Involvement in Behçet's Disease: Evaluation of 200 Patients, abstract, 801

Binswanger's disease
Vascular Cell Components of the Medullary Arteries in Binswanger's Disease Brains: A Morphometric and Immunoelectron Microscopic Study, 1838

Biopsy
Brain Biopsy in Primary Angiitis of the Central Nervous System, abstract, 242

Blacks
Effects of Stress Reduction on Carotid Atherosclerosis in Hypertensive African Americans, 568
Geographic Variation in Stroke Risk in the United States: Region, Urbanization, and Hypertension in the Third National Health and Nutrition Examination Survey, 19
Ischemic Heart Disease in Black South African Stroke Patients, 1294
Racial Variation in Initial Stroke Severity, 563

Bleeding time
Increased Platelet Sensitivity to Collagen in Individuals Resistant to Low-Dose Aspirin, 591

Blood-brain barrier
Dynamics of Cerebral Injury, Perfusion, and Blood-Brain Barrier Changes After Temporary and Permanent Middle Cerebral Artery Occlusion in the Rat, abstract, 244
Leptomeningeal Enhancement After Carotid Stenting, 2274. Response, 2276
Leptomeningeal Enhancement and Extravasation of Contrast Medium into the CSF Space? 2275. Response, 2276
Oxygen-Glucose Deprivation Induces Inducible Nitric Oxide Synthase and Nitrotyrosine Expression in Cerebral Endothelial Cells, 1744. Editorial comment, 1751
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973
Time-Course of Blood-Brain Barrier Permeability Changes After Experimental Subarachnoid Haemorrhage, abstract, 3084
Unilateral Leptomeningeal Enhancement After Carotid Stent Insertion Detected by Magnetic Resonance Imaging, 848

Blood flow velocity
Assessment of the Thigh Cuff Technique for Measurement of Dynamic Cerebral Autoregulation, 476
Effect of Short-Term Hyperventilation on Cerebral Blood Flow Autoregulation in Patients With Acute Bacterial Meningitis, 1116
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161

Blood platelets
Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice, 2442. Editorial comment, 2448

Blood pressure
Effect of Intravenous Nimodipine on Blood Pressure and Outcome After Acute Stroke, 1250
Extent of Cerebral White Matter Lesions Is Related to Changes of Circadian Blood Pressure Rhythmicity, abstract, 3085
Induced Elevation of Blood Pressure in the Acute Phase of Ischemic Stroke in Humans. Letter to the Editor, 546
J-Shaped Relation Between Blood Pressure and Stroke in Treated Hypertensives, abstract, 1201
Potential of Carotid Enlargement as a Useful Indicator Affected by High Blood Pressure in a Large General Population of a Japanese City: The Suita Study, 2958
Risk of Stroke in Relation to Level of Blood Pressure and Other Risk Factors in Treated Hypertensive Patients, 48
Which Parameters of Beat-to-Beat Blood Pressure and Variability Best Predict Early Outcome After Acute Ischemic Stroke? 463

Blood vessels
Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury, 193. Editorial comment, 199

Blood volume
Effect of Hypervolemic Therapy on Cerebral Blood Flow After Subarachnoid Hemorrhage: A Randomized Controlled Trial, 383

Bolivia
Low Incidence of Stroke in the Chiquitanos Tribe in the Bolivian Lowlands, 2268. Response, 2269
Prevalence of Stroke: A Door-to-Door Survey in Rural Bolivia, 882

Border zone
Vasodilatory Response of Border Zones to Acetazolamide Before and After Endarterectomy: An Echo Planar Imaging–Dynamic Susceptibility Contrast-Enhanced MRI Study in Patients With High-Grade Unilateral Internal Carotid Artery Stenosis, 1561

Botulinum toxins
A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Compare the Efficacy and Safety of Three Doses of Botulinum Toxin Type A (Dysport) With Placebo in Upper Limb Spasticity After Stroke, 2402

Brain
Angiotensin II AT_1 Blockade Normalizes Cerebrovascular Autoregulation and Reduces Cerebral Ischemia in Spontaneously Hypertensive Rats, 2478. Editorial comment, 2485
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Hyperglycemia and Extracellular Glutamate in the Ischemic Brain. Letter to the Editor, 1462. Response, 1462
Ischemic Preconditioning and Tolerance in Human Brain, 2272. Response, 2272

Pharmacological Preconditioning With Lipopolysaccharide in the Brain. Letter to the Editor, 1465. Response, 1465
Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways, 672
Simultaneous Assessment of Brain Tissue Oxygenation and Cerebral Perfusion During Orthostatic Stress, abstract, 1471

Brain death
Diffusion-Weighted Magnetic Resonance Imaging in Brain Death, 539. Letter to the Editor, 1458. Response, 1459

Brain-derived neurotrophic factor
Intravenous Brain-Derived Neurotrophic Factor Reduces Infarct Size and Counterregulates Bax and Bcl-2 Expression After Temporary Focal Cerebral Ischemia, 2212. Editorial comment, 2217

Brain edema
Complement Activation in the Brain After Experimental Intracerebral Hemorrhage, abstract, 2737
Decreased Perihematomal Edema in Thrombolysis-Related Intracerebral Hemorrhage Compared With Spontaneous Intracerebral Hemorrhage, 596
Effects of Fluid Management on Edema Volume and Midline Shift in a Rat Model of Ischemic Stroke, 1702. Editorial comment, 1708
Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury, 193
Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury. Editorial comment, 199
Neuroimaging in Deteriorating Patients With Cerebellar Infarcts and Mass Effect, 2062
Prediction of Malignant Middle Cerebral Artery Infarction by Diffusion-Weighted Imaging, 2175
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973

Brain injuries
^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699
Early Training May Exacerbate Brain Damage After Focal Brain Ischemia in the Rat, abstract, 1470
Regional Cerebral Blood Flow After Cortical Impact Injury Complicated by a Secondary Insult in Rats, 961. Editorial comment, 967

Brain stem
MRI Pontine Hyperintensity After Supratentorial Ischemic Stroke Relates to Poor Clinical Outcome, 695
Solitary Tract Nuclei in Acute Heart Failure, 1187

Bypass surgery
Longer Duration of Cardiopulmonary Bypass Is Associated With Greater Numbers of Cerebral Microemboli, 707

C

C-reactive protein
C-Reactive Protein and Outcome After First-Ever Ischemic Stroke. Letter to the Editor, 238

CADASIL
Cerebral Hemodynamics in CADASIL Before and After Acetazolamide Challenge Assessed With MRI Bolus Tracking, 1904

Calcium
Extracellular pH, Ca^{2+} Influx, and Response of Vascular Smooth Muscle Cells to 5-Hydroxytryptamine, 2500. Editorial comment, 2507
Mechanism of ATP-Induced $[Ca^{2+}]_i$ Mobilization in Rat Basilar Smooth Muscle Cells, 1377. Editorial comment, 1384
Mechanisms of Cerebral Arterial Relaxations to Hydrogen Peroxide, 2224. Editorial comment, 2229
Noncollagenous Bone Matrix Proteins, Calcification, and Thrombosis in Carotid Artery Atherosclerosis, abstract, 243
Role of Phosphatidylinositol 3-Kinase in Acetylcholine-Induced Dilatation of Rat Basilar Artery, 2487. Editorial comment, 2492

Calcium channels
Electromechanical Alterations in the Cerebrovasculature of Stroke-Prone Rats, 751. Editorial comment, 758
Extracellular pH, Ca^{2+} Influx, and Response of Vascular Smooth Muscle Cells to 5-Hydroxytryptamine, 2500. Editorial comment, 2507

Canada
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke: A Canadian Hospital's Experience, 2920

Carbon dioxide
CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243

Cardiac catheterization
Cerebral Microembolism Detected by Transcranial Doppler During Cardiac Procedures, 2508

Cardiac output
Orthostatic Tolerance, Cerebral Oxygenation, and Blood Velocity in Humans With Sympathetic Failure, 1608

Cardioembolic stroke
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062

Cardiolipins
Anticardiolipin Antibodies Are Not an Independent Risk Factor for Stroke: An Incident Case-Referent Study Nested Within the MONICA and Västerbotten Cohort Project, 1289

Cardiopulmonary bypass
Longer Duration of Cardiopulmonary Bypass Is Associated With Greater Numbers of Cerebral Microemboli, 707

Cardiopulmonary resuscitation
Mild Resuscitative Hypothermia to Improve Neurological Outcome After Cardiac Arrest: A Clinical Feasibility Trial, 86

Cardiovascular diseases
Addendum to the Supplement to the Guidelines for the Management of Transient Ischemic Attacks, 1001
Dietary Sodium Intake and Subsequent Risk of Cardiovascular Disease in Overweight Adults, abstract, 995
Increased Matrix Metalloproteinase-9 Activity in Unstable Carotid Plaques: A Potential Role in Acute Plaque Disruption, 40
Predictors of Death and Vascular Events in the Elderly: The Perth Community Stroke Study, 863
Thienopyridines or Aspirin to Prevent Stroke and Other Serious Vascular Events in Patients at High Risk of Vascular Disease? : A Systematic Review of the Evidence From Randomized Trials, 1779

Cardioversion
Cerebral Microembolism Detected by Transcranial Doppler During Cardiac Procedures, 2508

Caregivers
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: I, Health Outcomes at 6 Months, 1024

Carotid arteries
Chlamydia pneumoniae Seropositivity Is Associated With Carotid Artery Intima-Media Thickness, 1526
Are Morphological or Functional Changes in the Carotid Artery Wall Associated With Chlamydia pneumoniae, Helicobacter pylori, Cytomegalovirus, or Herpes Simplex Virus Infection? 2127
Association Between Risk Factors for Atherosclerosis and Mechanical Forces in Carotid Artery, 2319
Chlamydia pneumoniae Does Not Influence Atherosclerotic Plaque Behavior in Patients With Established Carotid Artery Stenosis, 2930
Effects of Stress Reduction on Carotid Atherosclerosis in Hypertensive African Americans, 568
Hormone Replacement Therapy and Intima-Media Thickness of the Common Carotid Artery: The Rotterdam Study, 2273
Increased Matrix Metalloproteinase-9 Activity in Unstable Carotid Plaques: A Potential Role in Acute Plaque Disruption, 40
Interrelation Between Plaque Surface Morphology and Degree of Stenosis on Carotid Angiograms and the Risk of Ischemic Stroke in Patients With Symptomatic Carotid Stenosis, 615
Low Risk of Ischemic Stroke in Patients With Reduced Internal Carotid Artery Lumen Diameter Distal to Severe Symptomatic Carotid Stenosis: Cerebral Protection Due to Low Poststenotic Flow? 622
Potential of Carotid Enlargement as a Useful Indicator Affected by High Blood Pressure in a Large General Population of a Japanese City: The Suita Study, 2958
Reproducibility Validation Study Comparing Analog and Digital Imaging Technologies for the Measurement of Intima-Media Thickness, 1104

Sex Differences in the Relationship of Risk Factors to Subclinical Carotid Atherosclerosis Measured 15 Years Later: The Tromsø Study, 574
Three-Dimensional Ultrasound Observation of Carotid Artery Plaque Ulceration, 1651
Carotid artery diseases
The A677V MTHFR Allele Is Not Associated With Carotid Atherosclerosis in Octogenarians, 990. Response, 991
Absence of Selective Deep White Matter Ischemia in Chronic Carotid Disease: A Positron Emission Tomographic Study of Regional Oxygen Extraction, abstract, 2283
ACE-Inhibition Promotes Apoptosis After Balloon Injury of Rat Carotid Arteries, abstract, 1470
Age and Sex Differences in the Distribution and Ultrasound Morphology of Carotid Atherosclerosis: The Tromsø Study, abstract, 998
Asymptomatic Carotid Arterial Disease in Young Patients Following Neck Radiation Therapy for Hodgkin Lymphoma, abstract, 551
Benefit of Echocontrast-Enhanced Transcranial Color-Coded Duplex Ultrasound in the Assessment of Intracranial Collateral Pathways, 920
Cardiovascular, Autonomic, and Plasma Catecholamine Responses in Unilateral and Bilateral Carotid Artery Stenosis, abstract, 550
Carotid Atherosclerosis, Vascular Risk Profile and Mortality in a Population-Based Sample of Functionally Healthy Elderly Subjects: The Berlin Ageing Study, abstract, 2736
Carotid Plaque Gross Morphology and Clinical Presentation: A Prospective Study of 457 Carotid Artery Specimens, abstract, 1797
Carotid Wall Thickness Is Predictive of Incident Clinical Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, abstract, 2031
Clinical Relevance of Detecting Asymptomatic Embolic Signals in Acute Stroke, 1785. Response, 1786
Common Carotid Artery Intima-Media Thickness and Brain Infarction: The Étude du Profil Génétique de l'Infarctus Cérébral (GÉNIC) Case-Control Study, abstract, 3088
Common Carotid Intima-Media Thickness Predicts Occurrence of Carotid Atherosclerotic Plaques: Longitudinal Results From the Aging Vascular (EVA) Study, abstract, 2736
Comparison of Intra-Arterial Digital Subtraction Angiography, Magnetic Resonance Angiography and Duplex Ultrasonography For Measuring Carotid Artery Stenosis, abstract, 804
Contrast Enhanced Color Duplex for Diagnosis of Subtotal Stenosis or Occlusion of the Internal Carotid Artery, abstract, 2033
Effect of An Internal Carotid Stenosis on Orbital Blood Velocity, abstract, 245
Effect of Contralateral Carotid Artery Stenosis on Carotid Ultrasound Velocity Measurements, 2636
Effect of Contralateral Occlusion on Long-Term Efficacy of Endarterectomy in the Asymptomatic Carotid Atherosclerosis Study (ACAS), 2330
Evaluation of Carotid Stenosis by Angiography: Potential Bias Toward Overestimated Measurements Introduced by Prior Interpretation of Doppler Sonograms, abstract, 2283
Evaluation of Common Carotid Hemodynamic Forces: Relations With Wall Thickening, abstract, 804
Evaluation of New Online Automated Embolic Signal Detection Algorithm, Including Comparison With Panel of International Experts, 1335
Extracranial Carotid Artery Aneurysms: Texas Heart Institute Experience, abstract, 2034
Hyperfibrinogenemia Is Associated With Specific Histocytological Composition and Complications of Atherosclerotic Carotid Plaques in Patients Affected by Transient Ischemic Attacks, abstract, 1792
Hyperhomocyst(e)inemia Is Associated With Carotid Atherosclerosis, abstract, 802
Impaired Cerebral Vasoreactivity and Risk of Stroke in Patients With Asymptomatic Carotid Artery Stenosis, abstract, 2030
Is Carotid Endarterectomy Cost-Effective in Symptomatic Patients with Moderate (50 to 69%) Stenosis? abstract, 999
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
The Limitations of Carotid Sonography: Interpretive and Technology-Related Errors, abstract, 997
Management of Resistant Hypertension in Patients With Carotid Stenosis: High Prevalence of Renovascular Hypertension, abstract, 2735
Mobile Atheroma of the Aortic Arch and the Risk of Carotid Artery Disease, abstract, 999
Patterns of Cerebrovascular Reactivity in Patients With Carotid Artery Occlusion and Severe Contralateral Stenosis, abstract, 805
Preoperative MRA Flow Quantification in A Patients: Flow Differences Between Patients Who Develop Cerebral Ischemia and Patients Who Do Not Develop Cerebral Ischemia During Cross-Clamping of the Carotid Artery, 3021
Small, Unruptured Intracranial Aneurysms and Management of Symptomatic Carotid Artery Stenosis, abstract, 2734
Surgical Treatment of Extracranial Internal Carotid Artery Aneurysms, abstract, 2034
The Symptomatic Carotid Plaque, 774
Transcranial Doppler Waveform Blunting in Severe Extracranial Carotid Artery Stenosis, abstract, 1471
Systematic Comparison of the Early Outcome of Angioplasty and Endarterectomy for Symptomatic Carotid Artery Disease, 2522. Response, 2523
Use of Ultrasound Contrast in the Diagnosis of Carotid Artery Occlusion, abstract, 2033
Usefulness of Carotid Intima-Media Thickness Measurement and Peripheral B-Mode Ultrasound Scan in the Clinical Screening of Patients With Coronary Artery Disease, abstract, 2284
Carotid artery occlusion
Acute Carotid Occlusion Alters the Activation Flow Coupling Response to Forepaw Stimulation in a Rat Model, 955. Editorial comment, 960
Benign Prognosis of Never-Symptomatic Carotid Occlusion, abstract, 1469
Effect of Contralateral Occlusion on Long-Term Efficacy of Endarterectomy in the Asymptomatic Carotid Atherosclerosis Study (ACAS), 2330
A Longitudinal Study of Collateral Flow Patterns in the Circle of Willis and the Ophthalmic Artery in Patients With a Symptomatic Internal Carotid Artery Occlusion, 1913
Magnetic Resonance Techniques for the Identification of Patients With Symptomatic Carotid Artery Occlusion at High Risk of Cerebral Ischemic Events, 3001
Perioperative and Late Stroke Rates of Carotid Endarterectomy Contralateral to Carotid Artery Occlusion : Results From a Randomized Trial, 1566
Carotid endarterectomy
Association of Intraoperative Transcranial Doppler Monitoring Variables With Stroke From Carotid Endarterectomy, 1817
Attitudes of Canadian and U.S. Neurologists Regarding Carotid Endarterectomy For Asymptomatic Stenosis, abstract, 2534
Carotid Endarterectomy: Characterization of Recent Increases in Procedure Rates, abstract, 2741
Cerebrovascular Monitoring During Carotid Endarterectomy, 1799
Clinical Outcomes After Carotid Endarterectomy: Comparison of the Use of Regional and General Anesthetics, abstract, 1472
Comparison of Carotid Endarterectomy Using Primary Closure, Patch Closure, and Eversion Techniques, abstract, 1205
Comparison of Microembolism Detected by Transcranial Doppler and Neuropsychological Sequelae of Carotid Surgery and Percutaneous Transluminal Angioplasty, 1329
CT Angiography for the Detection and Characterization of Carotid Artery Bifurcation Disease, 2168
Effect of Contralateral Carotid Artery Stenosis on Carotid Ultrasound Velocity Measurements, 2636
Effect of Contralateral Occlusion on Long-Term Efficacy of Endarterectomy in the Asymptomatic Carotid Atherosclerosis Study (ACAS), 2330
Emergency Carotid Thromboendarterectomy: Safe and Effective, abstract, 556
Eversion Versus Conventional Carotid Endarterectomy: Late Results of a Prospective Multicenter Randomized Trial, abstract, 1473
Gender and Carotid Endarterectomy: Does it Matter? abstract, 2740
Improving the Outcomes of Carotid Endarterectomy: Results of a Statewide Quality Improvement Project, abstract, 2741
Long-Term Clinical and Angiographic Outcomes in Symptomatic Patients With 70% to 99% Carotid Artery Stenosis, 2037

Low Risk of Ischemic Stroke in Patients With Reduced Internal Carotid Artery Lumen Diameter Distal to Severe Symptomatic Carotid Stenosis: Cerebral Protection Due to Low Poststenotic Flow? 622
Patients Satisfaction After Carotid Endarterectomy Using a Selective Policy of Local Anesthesia, abstract, 3089
Perioperative and Late Stroke Rates of Carotid Endarterectomy Contralateral to Carotid Artery Occlusion : Results From a Randomized Trial, 1566
Perioperative Risk and Late Outcome of Nonelective Carotid Endarterectomy, abstract, 556
Postprocedural Hypotension After Carotid Artery Stent Placement: Predictors and Short- and Long-Term Clinical Outcomes, abstract, 2534
Preoperative MRA Flow Quantification in A Patients: Flow Differences Between Patients Who Develop Cerebral Ischemia and Patients Who Do Not Develop Cerebral Ischemia During Cross-Clamping of the Carotid Artery, 3021
A Prospective Randomized Study on Bilateral Carotid Endarterectomy: Patching Versus Eversion, abstract, 2740
A Rational Algorithm for Duplex Scan Surveillance After Carotid Endarterectomy, abstract, 245
Risk Factors and Outcome of Patients With Carotid Artery Stenosis Presenting With Lacunar Stroke, abstract, 1205
Safety and Efficacy of Fixed-Dose Heparin in Carotid Endarterectomy, abstract, 246
Silent Cerebral Ischemia Detected by Diffusion-Weighted MRI After Carotid Endarterectomy, 1824
Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NAST-Ineligible Patients, 3029
Surgical Decision Making for Carotid Endarterectomy and Contemporary Magnetic Resonance Angiography, abstract, 555
Systematic Comparison of the Early Outcome of Angioplasty and Endarterectomy for Symptomatic Carotid Artery Disease, 1439, 2522, 3079. Response, 2523, 3079
Vasodilatory Response of Border Zones to Acetazolamide Before and After Endarterectomy : An Echo Planar Imaging–Dynamic Susceptibility Contrast-Enhanced MRI Study in Patients With High-Grade Unilateral Internal Carotid Artery Stenosis, 1561

Carotid stenosis
Angiographically Defined Collateral Circulation and Risk of Stroke in Patients With Severe Carotid Artery Stenosis, 128
Asymptomatic Embolization Predicts Stroke and TIA Risk in Patients With Carotid Artery Stenosis. Letter to the Editor, 544. Response, 544
Carotid Stenosis Determines Impairment of Ipsilateral Dexterity in Stroke. Letter to the Editor, 545. Response, 545
Critical Appraisal of the Design and Reporting of Studies of Imaging and Measurement of Carotid Stenosis, 1444
CT Angiography for the Detection and Characterization of Carotid Artery Bifurcation Disease, 2168
Diffusion- and Perfusion-Weighted MRI: Influence of Severe Carotid Artery Stenosis on the DWI/PWI Mismatch in Acute Stroke, 1311
Etiologic Factors in Progression of Carotid Stenosis: A 10-Year Study in 905 Patients, abstract, 1469
Identification of Patients at Risk for Periprocedural Neurological Deficits Associated With Carotid Angioplasty and Stenting, 376
Internal Borderzone Infarction: A Marker for Severe Stenosis in Patients With Symptomatic Internal Carotid Artery Disease, 631
Interrelation Between Plaque Surface Morphology and Degree of Stenosis on Carotid Angiograms and the Risk of Ischemic Stroke in Patients With Symptomatic Carotid Stenosis, 615
Long-Term Clinical and Angiographic Outcomes in Symptomatic Patients With 70 o 99%2037 Carotid Artery Stenosis, 2037
Prediction of Mortality by Ultrasound Screening of a General Population for Carotid Stenosis: The Tromsø Study, 1871
Prevalence of Renal Artery Stenosis in Autopsy Patients With Stroke, 61
Reproducibility of Computer-Quantified Carotid Plaque Echogenicity: Can We Overcome the Subjectivity? 2189
Silent Cerebral Ischemia Detected by Diffusion-Weighted MRI After Carotid Endarterectomy, 1824
Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NAST-Ineligible Patients, 3029
Systematic Comparison of the Early Outcome of Angioplasty and Endarterectomy for Symptomatic Carotid Artery Disease, 1439, 2522, 3079. Response, 2523, 3079
Unilateral Leptomeningeal Enhancement After Carotid Stent Insertion Detected by Magnetic Resonance Imaging, 848
The Value of Acetazolamide Single Photon Emission Computed Tomography Scans in the Preoperative Evaluation of Asymptomatic Critical Carotid Stenosis, abstract, 554
Vasodilatory Response of Border Zones to Acetazolamide Before and After Endarterectomy : An Echo Planar Imaging–Dynamic Susceptibility Contrast-Enhanced MRI Study in Patients With High-Grade Unilateral Internal Carotid Artery Stenosis, 1561

Case-control studies
Association Between the Glu298Asp Polymorphism in the Endothelial Constitutive Nitric Oxide Synthase Gene and Brain Infarction, 1634
Health-Related Quality of Life Among Long-Term Survivors of Stroke: Results From the Auckland Stroke Study, 1991–1992, 440
Vascular Dementia : Incidence and Risk Factors in the Canadian Study of Health and Aging, 1487

Caspases
Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181

Cavernous angiomas
Familial Form of Intracranial Cavernous Angioma: MR Imaging Findings in 51 Families, abstract, 1203

Cavernous sinus
Carotid and Transcranial Color-Coded Duplex Sonography in Different Types of Carotid-Cavernous Fistula, 701

Cells, cultured
Role of Phosphatidylinositol 3-Kinase in Acetylcholine-Induced Dilatation of Rat Basilar Artery, 2487. Editorial comment, 2492

Cerebellar hemorrhage
Postoperative Brainstem High Intensity Is Correlated With Poor Outcomes for Patients With Spontaneous Cerebellar Hemorrhage, abstract, 994

Cerebellar infarction
Neuroimaging in Deteriorating Patients With Cerebellar Infarcts and Mass Effect, 2062

Cerebral aneurysm
Late Angiographic Follow-Up Review of Surgically Treated Aneurysms, abstract, 240
Balloon-Assisted Guglielmi Detachable Coiling of Wide-Necked Aneurysms, Part 1: Experimental Evaluation, abstract, 241
Cognition Following Subarachnoid Hemorrhage From Anterior Communicating Artery Aneurysm: Relation to Timing of Surgery, abstract, 240
Effect of Endovascular Services and Hospital Volume on Cerebral Aneurysm Treatment Outcomes, 111
Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms: Clinical and Angiographic Outcomes, 100
Growth Factors Stimulate Neointimal Cells In Vitro and Increase the Thickness of the Neointima Formed at the Neck of Porcine Aneurysms Treated by Embolization, 498. Editorial comment, 507
Heritability of Intracerebral Hemorrhagic Lesions and Cerebral Aneurysms in the Rat, 2678. Editorial comment, 2684
Impact of Cerebral Microcirculatory Changes on Cerebral Blood Flow During Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 1621
Management of Patients With Ruptured Cerebral Aneurysms in Hospital Population of Lithuania, abstract, 2029
Microcatheter Intrathecal Urokinase Infusion Into Cisterna Magna for Prevention of Cerebral Vasospasm: Preliminary Report, 2141
Outcomes of Early Endovascular Versus Surgical Treatment of Ruptured Cerebral Aneurysms: A Prospective Randomized Study, 2369
Results of Early Surgical Evacuation of Packed Intraventricular Hemorrhage From Aneurysm Rupture in Patients With Poor-Grade Subarachnoid Hemorrhage, abstract, 241
Risk Factors for Multiple Intracranial Aneurysms, 392
Three-Dimensional Computerized Tomography Angiography in Patients With Hyperacute Intracerebral Hemorrhage, abstract, 240

Cerebral arteries
Accuracy and Criteria for Localizing Arterial Occlusion With Transcranial Doppler, abstract, 1204
Collateral Configuration of the Circle of Willis: Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy, 1346
Collateral Variations in Circle of Willis in Atherosclerotic Population Assessed by Means of Transcranial Color-Coded Duplex Ultrasonography, 1656
DIAS I: Duplex-Sonographic Assessment of the Cerebrovascular Status in Acute Stroke: A Useful Tool for Future Stroke Trials, 2342
Cerebral arteriovenous malformations
Analysis of Endoglin Expression in Normal Brain Tissue and in Cerebral Arteriovenous Malformations, 2653
Demographic, Morphological, and Clinical Characteristics of 1289 Patients With Brain Arteriovenous Malformation, 1307
Determinants of Neurological Outcome After Surgery for Brain Arteriovenous Malformation, 2361
Experimental Radiosurgery Simulations Using a Theoretical Model of Cerebral Arteriovenous Malformations, 2466. Editorial comment, 2477
Incident Hemorrhage Risk of Brain Arteriovenous Malformations Located in the Arterial Borderzones, 2365
Cerebral blood flow
Acute Carotid Occlusion Alters the Activation Flow Coupling Response to Forepaw Stimulation in a Rat Model, 955. Editorial comment, 960
Arterial Pulsatility as an Index of Cerebral Microangiopathy in Diabetes, 1111
Assessment of the Thigh Cuff Technique for Measurement of Dynamic Cerebral Autoregulation, 476
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392
Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking After Acute Stroke in Pigs: Comparison With [^{15}O]H_2O Positron Emission Tomography, 1958. Editorial comment, 1964
Cerebral Blood Flow in Nondemented Elderly Subjects With Extensive Deep White Matter Lesions on Magnetic Resonance Imaging, abstract, 2738
Color Duplex Measurement of Cerebral Blood Flow Volume in Healthy Adults, 147
Combined Diffusion-Weighted and Perfusion-Weighted Flow Heterogeneity Magnetic Resonance Imaging in Acute Stroke, 1097
Correlation of Cerebral Hemodynamic Changes During Mental Activity and Recovery After Stroke, abstract, 2739
Coupling of Cerebral Blood Flow and Oxygen Metabolism in Infant Pigs During Selective Brain Hypothermia, abstract, 3087
Disturbance of Cerebral Blood Flow Autoregulation in Hypertension is Attributable to Ischaemia Following Subarachnoid Haemorrhage in Rats: A PET Study, abstract, 1199
The Dose-Response Relationship of Acetazolamide on the Cerebral Blood Flow in Normal Subjects, abstract, 1470
Dynamic Regulation of Middle Cerebral Artery Blood Flow Velocity in Aging and Hypertension, 1897
The Effect of Contrast Material on Transcranial Doppler Evaluation of Normal Middle Cerebral Artery Peak Systolic Velocity, abstract, 1795
Effect of Hypervolemic Therapy on Cerebral Blood Flow After Subarachnoid Hemorrhage: A Randomized Controlled Trial, 383
Effect of Short-Term Hyperventilation on Cerebral Blood Flow Autoregulation in Patients With Acute Bacterial Meningitis, 1116
Estradiol Exerts Neuroprotective Effects When Administered After Ischemic Insult, 745. Editorial comment, 749
Is Cerebral Perfusion Pressure a Major Determinant of Cerebral Blood Flow During Head Elevation in Comatose Patients With Severe Intracranial Lesions? abstract, 2034
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study, 508. Editorial comment, 514
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? Letter, 2271. Response, 2272
Measurement of Cerebral Blood Flow Volume in Healthy Adults Using Color Duplex Sonography, 2026
A Metabolic Threshold of Irreversible Ischemia Demonstrated by PET in a Middle Cerebral Artery Occlusion-Reperfusion Primate Model, abstract, 2736
Middle Cerebral Artery Blood Flow Velocity in Elite Power Athletes During Maximal Weight-Lifting, abstract, 2739
Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401
MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis, 1672
Noninvasive Measurement of Cerebral Blood Flow With ^{99m}Tc-Hexamethylpropyleneamine Oxime Single-Photon Emission Computed Tomography and 1-Point Venous Blood Sampling, 2203
Preferred Technique for Blood Flow Volume Measurement in Cerebrovascular Disease, 1342
Reduced Vasomotor Reactivity in Cerebral Microangiopathy: A Study With Near-Infrared Spectroscopy and Transcranial Doppler Sonography, 924
Regional Cerebral Blood Flow After Cortical Impact Injury Complicated by a Secondary Insult in Rats, 961. Editorial comment, 967
The Relative Contributions of the Anterior and Posterior Circulations to Global Cerebral Blood Flow. Letter to the Editor, 1197. Response, 1198
The Time Concept in Ischemic Stroke: Misleading, 2523. Response, 2524
Cerebral circulation
Cerebral Oxygenation Declines in Healthy Elderly Subjects in Response to Assuming the Upright Position, 1615
Dynamic Cerebral Autoregulation Is Unaffected by Aging, 2895
Effect of Lovastatin on Cerebral Circulation in Spontaneously Hypertensive Rats, abstract, 2531
Mechanisms and Clinical Features of Posterior Border-Zone Infarcts, abstract, 241
Relative Contributions From Neuronal and Endothelial Nitric Oxide Synthases to Regional Cerebral Blood Flow Changes During Forebrain Ischemia in Rats, abstract, 2532
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996
Toxicity of Dutch (E22Q) and Flemish (A21G) Mutant Amyloid β Proteins to Human Cerebral Microvessel and Aortic Smooth Muscle Cells, 534. Editorial comment, 538
Cerebral cortex
Treatment-Induced Cortical Reorganization After Stroke in Humans, 1210
Cerebral embolism
Atherothrombotic Middle Cerebral Artery Territory Infarction: Topographic Diversity With Common Occurrence of Concomitant Small Cortical and Subcortical Infarcts, 2055
Clinical Relevance of Detecting Asymptomatic Embolic Signals in Acute Stroke, letter, 1785. Response, 1786
Contrast Transcranial Doppler Ultrasound in the Detection of Right-to-Left Shunts: Time Window and Threshold in Microbubble Numbers, 1640
Evaluation of New Online Automated Embolic Signal Detection Algorithm, Including Comparison With Panel of International Experts, 1335
Identification Of Echocardiographic "Smoke" in a Bench Model With Transcranial Doppler Ultrasound, 907
Incidence and Risk Factors for Subtypes of Cerebral Infarction in a General Population: The Hisayama Study, 2616
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
Longer Duration of Cardiopulmonary Bypass Is Associated With Greater Numbers of Cerebral Microemboli, 707
Microembolic Signal Monitoring in Hemispheric Acute Ischaemic Stroke: A Prospective Study, abstract, 2738
Posterior Circulation Ischemia: Then, Now, and Tomorrow: The Thomas Willis Lecture—2000, 2011
Silent Cerebral Ischemia Detected by Diffusion-Weighted MRI After Carotid Endarterectomy, 1824

Cerebral embolism and thrombosis
Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease: A Population-Based Study, 2628
Cerebral hemorrhage
α_1-Antichymotrypsin Gene Polymorphism in Patients With Stroke, 2103
Assessment of Lacunar Hemorrhage Associated With Hypertensive Stroke by Echo-Planar Gradient-Echo T2*-Weighted MRI, 1646
Association Between the Glu298Asp Polymorphism in the Endothelial Constitutive Nitric Oxide Synthase Gene and Brain Infarction, 1634
A Case of Cerebral Hemorrhage Early After Carotid Stenting, letter, 792. Response, 793
Decreased Perihematomal Edema in Thrombolysis-Related Intracerebral Hemorrhage Compared With Spontaneous Intracerebral Hemorrhage, 596
Demographic, Morphological, and Clinical Characteristics of 1289 Patients With Brain Arteriovenous Malformation, 1307
Effect of Ganaxolone in a Rodent Model of Cerebral Hematoma, 169. Editorial comment, 174
Extraparenchymal Bleeding Predicts an Unfavorable Outcome in Patients With Hemorrhagic Transformation, letter, 1785. Response, 1785
Fatal Cerebral Hemorrhage After Carotid Stenting. Letter to the Editor, 793. Response, 794
Hydrocephalus Is a Determinant of Early Mortality in Putaminal Hemorrhage, 2157
Improved Functional Outcome in Patients With Hemorrhagic Stroke in Putamen and Thalamus Compared With Those With Stroke Restricted to the Putamen or Thalamus, 1365
Incident Hemorrhage Risk of Brain Arteriovenous Malformations Located in the Arterial Borderzones, 2365
Relationship Between Apparent Diffusion Coefficient and Subsequent Hemorrhagic Transformation Following Acute Ischemic Stroke, 2378
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 2270. Response, 2271
Tissue Plasminogen Activator, Plasminogen Activator Inhibitor-1, and Tissue Plasminogen Activator/Plasminogen Activator Inhibitor-1 Complex as Risk Factors for the Development of a First Stroke, 26
Cerebral infarction
σ_1-Receptor Ligand 4-Phenyl-1-(4-Phenylbutyl)-Piperidine Affords Neuroprotection From Focal Ischemia With Prolonged Reperfusion, 976. Editorial comment, 982
Cerebral Infarction in Adult AI Patients: Observations From the Edinburgh HIV Autopsy Cohort, 2117
A Comparison of Fast Spin-Echo, Fluid-Attenuated Inversion-Recovery, and Diffusion-Weighted MR Imaging in the First 10 Days After Cerebral Infarction, abstract, 553
Contrast-Enhanced Transcranial Color-Coded Sonography in Acute Cerebral Infarction, 2025. Response, 2026
Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742
Delayed Systemic Administration of PACAP38 Is Neuroprotective in Transient Middle Cerebral Artery Occlusion in the Rat, 1411. Editorial comment, 1417
Deteriorating Ischemic Stroke in 4 Clinical Categories Classified by the Oxfordshire Community Stroke Project, 2049
Diagnostic Testing for Coagulopathies in Patients With Ischemic Stroke, 3067
Diffusion- and Perfusion-Weighted MRI Patterns in Borderzone Infarcts, 1090
Fatal Hemorrhagic Transformation of Acute Cerebral Infarction After the Use of Abciximab, 2518. Response, 2519
Frequency and Clinical Determinants of Dementia After Ischemic Stroke, abstract, 1792
Human Acute Cerebral Ischemia: Detection of Changes in Water Diffusion Anisotropy by Using MR Imaging, abstract, 244
Inapparent Hemodynamic Insufficiency Exacerbates Ischemic Damage in a Rat Microembolic Stroke Model, 2494. Editorial comment, 2499
Infarct Volume, Neurological Severity and PAF Binding to Platelets of Patients With Acute Cerebral Ischemic Stroke, abstract, 803
Ischemic Stroke in Young Women: Risk of Recurrence During Subsequent Pregnancies, abstract, 2735
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 33
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046
Multiple Brain Infarcts: Clinical and Neuroimaging Patterns Using Diffusion-Weighted Magnetic Resonance, abstract, 244
N-Acetylaspartate Distribution in Proton Spectroscopic Images of Ischemic Stroke: Relationship to Infarct Appearance on T2-Weighted Magnetic Resonance Imaging, 3008
A New Model of Cerebral Microthrombosis in Rats and the Neuroprotective Effect of a Rho-Kinase Inhibitor, 2245. Editorial comment, 2250
Nitric Oxide Deficiency Contributes to Large Cerebral Infarct Size, abstract, 2531
Orthostatic Hypotension as a Risk Factor for Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, 1987-1996, 2307
Parental History of Stroke Predicts Subclinical But Not Clinical Stroke: The Atherosclerosis Risk in Communities Study, 2098
Phase II Studies of the Glycine Antagonist GV150526 in Acute Stroke: The North American Experience, 358
Plasma Endothelin-1 Levels Neither Increase nor Correlate With Neurological Scores, Stroke Risk Factors, or Outcome in Patients With Ischemic Stroke, 720
Posterior Circulation Ischemia: Then, Now, and Tomorrow: The Thomas Willis Lecture—2000, 2011
Reperfusion and Metabolic Recovery of Brain Tissue and Clinical Outcome After Ischemic Stroke and Thrombolytic Therapy, 1545
Restricted Dissociated Sensory Loss in a Patient With a Lateral Medullary Syndrome: A Clinical-MRI Study, 3064
Role of a Stroke Data Bank in Evaluating Cerebral Infarction Subtypes: Patterns and Outcome of 1,776 Consecutive Patients From the Besançon Stroke Registry, abstract, 2736
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 688
Silent Cerebral Infarction: A Potential Risk for Pneumonia in The Elderly, abstract, 1792
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis: The Thrombolysis in Acute Stroke Pooling Project, 1555
Stroke and Pregnancy, 2948
The Stroke Prognosis Instrument II (SPI-II): A Clinical Prediction Instrument for Patients With Transient Ischemia and Nondisabling Ischemic Stroke, 456
Tissue Plasminogen Activator, Plasminogen Activator Inhibitor-1, and Tissue Plasminogen Activator/Plasminogen Activator Inhibitor-1 Complex as Risk Factors for the Development of a First Stroke, 26
Trials of Thrombolysis in Acute Ischemic Stroke: Does the Choice of Primary Outcome Measure Really Matter? 1133
What Is the Significance of Leukoaraiosis in Patients With Acute Ischemic Stroke? Abstract, 2738
Cerebral ischemia
Administration of Selective Endothelin Receptor Type A Antagonist Ro 61-1790 Does Not Improve Outcome in Focal Cerebral Ischemia in Cat, abstract, 1793
Angiographically Defined Collateral Circulation and Risk of Stroke in Patients With Severe Carotid Artery Stenosis, 128
Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice, 2442. Editorial comment, 2448
APOE Genotype as a Risk Factor for Ischemic Cerebrovascular Disease: A Meta-Analysis, abstract, 243
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392
C-Reactive Protein Is a Strong but Nonspecific Risk Factor of Fatal Stroke in Elderly Persons, abstract, 2031
Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181
Clinical and Radiological Determinants of Prestroke Cognitive Decline in a Stroke Cohort, abstract, 994

A Comparison of Cerebral Hemodynamic Parameters Between Transient Monocular Blindness Patients, Transient Ischemic Attack Patients and Control Subjects, abstract, 2738
Comprehensive MR Imaging Protocol for Stroke Management: Tissue Sodium Concentration as a Measure of Tissue Viability in Nonhuman Primate Studies and in Clinical Studies, abstract, 554
The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus, 1162. Editorial comment, 1172
The Cytosolic Antioxidant Copper/Zinc–Superoxide Dismutase Prevents the Early Release of Mitochondrial Cytochrome c in Ischemic Brain After Transient Focal Cerebral Ischemia in Mice, abstract, 2032
Delayed Ischemic Hyperintensity of T1-Weighted MRI. Letter to the Editor, 797. Response, 797
Deterioration Following Spontaneous Improvement: Sonographic Findings in Patients With Acutely Resolving Symptoms of Cerebral Ischemia, 915
Dynamic but Not Static Cerebral Autoregulation Is Impaired in Acute Ischaemic Stroke, abstract, 1795
Effect of Intravenous Nimodipine on Blood Pressure and Outcome After Acute Stroke, 1250
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235
Effects of Fluid Management on Edema Volume and Midline Shift in a Rat Model of Ischemic Stroke, 1702. Editorial comment, 1708
Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury, 193. Editorial comment, 199
Endothelin-1 in Subarachnoid Hemorrhage: An Acute-Phase Reactant Produced by Cerebrospinal Fluid Leukocytes, 2971
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Hemostatic Markers in Patients at Risk of Cerebral Ischemia, 1856
High Susceptibility to Cerebral Ischemia in GFAP-Null Mice, abstract, 2737
Hypercarbia and Mild Hypothermia; Only When Not Combined; Improve Postischemic Bioenergetic Recovery in Neonatal Rat Brain Slices, abstract, 1794
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Hypoxia, Hyperoxia, Ischemia, and Brain Necrosis, abstract, 1203
Induction of Heat Shock Protein 70 in the Rat Brain Following Intracisternal Infusion of Autologous Blood: Evaluation of Acute Neuronal Damage, abstract, 804
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke in Patients Aged 80 Years and Older: The tPA Stroke Survey Experience, 370
Ischemic Preconditioning and Tolerance in Human Brain, letter, 2272. Response, 2272
Leukocyte Activation: Relation to Cardiovascular Mortality After Cerebrovascular Ischemia, abstract, 1793
Leukocyte-Endothelium Interaction in Pial Vessels Following Global; Cerebral Ischaemia, abstract, 2282
Long-Term Clinical and Angiographic Outcomes in Symptomatic Patients With 70 to 99% Carotid Artery Stenosis, 2037
Longitudinal Magnetic Resonance Imaging Study of Perfusion and Diffusion in Stroke: Evolution of Lesion Volume and Correlation With Clinical Outcome, abstract, 553
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 33
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, letter, 2273
A Metabolic Threshold of Irreversible Ischemia Demonstrated by PET in a Middle Cerebral Artery Occlusion-Reperfusion Primate Model, abstract, 2736
A Modified Transorbital Baboon Model of Reperfused Stroke, 3054. Editorial comment, 3063
Morphological and Functional Characteristics of Patent Foramen Ovale and Their Embolic Implications, 2407
Neuroprotection by the Stable Nitroxide Tempol During Reperfusion in a Rat Model of Transient Focal Ischemia, abstract, 2282
Neuroprotective Effects of Female Gonadal Steroids in Reproductively Senescent Female Rats, 161. Editorial comment, 167
Oxygen-Glucose Deprivation Induces Inducible Nitric Oxide Synthase and Nitrotyrosine Expression in Cerebral Endothelial Cells, 1744. Editorial comment, 1751
Penumbral Tissue Alkalosis in Focal Cerebral Ischemia: Relationship to Energy Metabolism; Blood Flow; and Steady Potential, abstract, 1793
Plasminogen Activation in Focal Cerebral Ischemia and Reperfusion, abstract, 1794
Preferred Technique for Blood Flow Volume Measurement in Cerebrovascular Disease, 1342
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals, 1173. Editorial comment, 1178
Proteasome Inhibitor PS519 Reduces Infarction and Attenuates Leukocyte Infiltration in a Rat Model of Focal Cerebral Ischemia, 1686. Editorial comment, 1693
Protective Effects of Memantine Against Ischemia-Reperfusion Injury in Spontaneously Hypertensive Rats, abstract, 1202
The Quest for Early Predictors of Stroke Evolution: Can TCD Be a Guiding Light? 2942
Rate of Stroke Recurrence in Patients With Primary Intracerebral Hemorrhage, 123
Regional Cerebral Blood Flow After Cortical Impact Injury Complicated by a Secondary Insult in Rats, 961
Regional Cerebral Blood Flow After Cortical Impact Injury Complicated by a Secondary Insult in Rats. Editorial comment, 967
The Relationship Between the Apparent Diffusion Coefficient Measured by Magnetic Resonance Imaging; Anoxic Depolarization; and Glutamate Efflux During Experimental Cerebral Ischemia, abstract, 1470
Results in 95 Hemorrhagic Stroke Patients Included in CLASS, a Controlled Trial of Clomethiazole Versus Placebo in Acute Stroke Patients, 82
Stroke in Estrogen Receptor-α–Deficient Mice, 738. Editorial comment, 744
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691
Temporal Evolution of Average Apparent Diffusion Coefficient Threshold to Define Ischemic Abnormalities in a Rat Permanent Occlusion Model, abstract, 1202
Temporal Evolution of Ischemic Injury Evaluated With Diffusion-; Perfusion-; and T2-Weighted MRI, abstract, 1471
Transfemoral Digital Subtraction Angiography for Assessment of Vertebral Artery Occlusion in Rats, 1789
Use of Transcranial Doppler Ultrasound to Predict Outcome in Patients With Intracranial Large-Artery Occlusive Disease, 2641
The Window of Opportunity For Neuronal Rescue With Insulin-Like Growth Factor-1 After Hypoxia-Ischemia in Rats Is Critically Modulated by Cerebral Temperature During Recovery, abstract, 1793

Cerebral ischemia, focal

σ_1-Receptor Ligand 4-Phenyl-1-(4-Phenylbutyl)-Piperidine Affords Neuroprotection From Focal Ischemia With Prolonged Reperfusion, 976. Editorial comment, 982
The *N*-Methyl-D-Aspartate Antagonist CNS 1102 Protects Cerebral Gray and White Matter From Ischemic Injury Following Temporary Focal Ischemia in Rats, 1709. Editorial comment, 1714
Cerebral Microvascular Obstruction By Fibrin Is Associated With Upregulation of PAI-1 Acutely After Onset of Focal Embolic Ischemia in Rats, abstract, 1202
CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243
Dynamics of Cerebral Injury, Perfusion, and Blood-Brain Barrier Changes After Temporary and Permanent Middle Cerebral Artery Occlusion in the Rat, abstract, 244
Early Training May Exacerbate Brain Damage After Focal Brain Ischemia in the Rat, abstract, 1470
Effects of Delayed Intraischemic and Postischemic Hypothermia on a Focal Model of Transient Cerebral Ischemia in Rats, 1982. Editorial comment, 1989
Integrin $\alpha_{IIb}\beta_3$ Inhibitor Preserves Microvascular Patency in Experimental Acute Focal Cerebral Ischemia, 1402. Editorial comment, 1409
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046

Major Bleeding During Anticoagulation After Cerebral Ischemia: Patterns and Risk Factors, abstract, 242
Mechanisms and Clinical Features of Posterior Border-Zone Infarcts, abstract, 241
Neuroprotective Effects of Glycine For Therapy of Acute Ischemic Stroke, abstract, 1472
Postischemic Cerebrovascular E-Selectin Expression Mediates Tissue Injury in Murine Stroke, 3047. Editorial comment, 3053
Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia, 1974. Editorial comment, 1981
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973
Severe Disability at Hospital Discharge in Ischemic Stroke Survivors, abstract, 1468
Subacute But Not Acute Generation of Nitric Oxide in Focal Cerebral Ischemia, 2208
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology, 946. Editorial comment, 953

Cerebral ischemia, global

Hydroxyethyl Starch Reduces Leukocyte Adherence and Vascular Injury in the Newborn Pig Cerebral Circulation After Asphyxia, 2218. Editorial comment, 2223

Cerebral ischemia, transient

Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels, 516
CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243
A Comparison of Cerebral Hemodynamic Parameters Between Transient Monocular Blindness Patients, Transient Ischemic Attack Patients and Control Subjects, abstract, 2738
Do Transient Ischemic Attacks Have a Neuroprotective Effect? abstract, 2530
Effect of Hypervolemic Therapy on Cerebral Blood Flow After Subarachnoid Hemorrhage: A Randomized Controlled Trial, 383
Identification of Patients at Risk for Periprocedural Neurological Deficits Associated With Carotid Angioplasty and Stenting, 376
Intrathecal Sodium Nitroprusside Improves Cerebral Blood Flow and Oxygenation in Refractory Cerebral Vasospasm and Ischemia in Humans. Letter to the Editor, 1195. Response, 1196
Ischemic Preconditioning and Tolerance in Human Brain, letter, 2272. Response, 2272
Longer Duration of Cardiopulmonary Bypass Is Associated With Greater Numbers of Cerebral Microemboli, 707
Mechanism of Endothelin-1–Induced Contraction in Rabbit Basilar Artery, 526. Editorial comment, 533
A Population-Based Study of Transient Ischemic Attack Incidence in Novosibirsk, Russia, 1987–1988 and 1996–1997, 9
Postischemic Cerebrovascular E-Selectin Expression Mediates Tissue Injury in Murine Stroke, 3047. Editorial comment, 3053
The Stroke Prognosis Instrument II (SPI-II): A Clinical Prediction Instrument for Patients With Transient Ischemia and Nondisabling Ischemic Stroke, 456
Supplement to the AHA Guidelines for the Management of Transient Ischemic Attacks, letter, 983. Response, 984
Verifying the Stroke-Free Phenotype by Structured Telephone Interview, 1076

Cerebral metabolism

Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401

Cerebral thrombosis

Facial Palsy in Cerebral Venous Thrombosis : Transcranial Stimulation and Pathophysiological Considerations, 1766
G20210A PRTH Gene Mutation and Other Trombophilic Polymorphisms in Patients With Cerebral Vein Thrombosis, 1787
Isolated Intracranial Hypertension as the Only Sign of Cerebral Venous Thrombosis, abstract, 551
A New Model of Cerebral Microthrombosis in Rats and the Neuroprotective Effect of a Rho-Kinase Inhibitor, 2245. Editorial comment, 2250

Cerebral veins

Isolated Intracranial Hypertension as the Only Sign of Cerebral Venous Thrombosis, abstract, 551

Cerebral vessels

Failure of Standards in Reporting the Composition of Artificial Cerebral Spinal Fluid in Studies of the Pial Blood Vessels. Letter, 1194
MR Blood Oxygenation Level–Dependent Signal Differences in Parenchymal and Large Draining Vessels: Implications For Functional MR Imaging, abstract, 996

Cerebrospinal fluid

Failure of Standards in Reporting the Composition of Artificial Cerebral Spinal Fluid in Studies of the Pial Blood Vessels. Letter, 1194

Cerebrovascular circulation

Acute Carotid Occlusion Alters the Activation Flow Coupling Response to Forepaw Stimulation in a Rat Model, 955. Editorial comment, 960
Noninvasive Cerebrovascular Assessment of Takayasu Arteritis, 2197
The Relative Contributions of the Anterior and Posterior Circulations to Global Cerebral Blood Flow. Letter to the Editor, 1197. Response, 1198

Cerebrovascular disorders

Chlamydia pneumoniae and the Risk of First Ischemic Stroke: The Northern Manhattan Stroke Study, 1521
Anticardiolipin Antibodies Are Not an Independent Risk Factor for Stroke: An Incident Case-Referent Study Nested Within the MONICA and Västerbotten Cohort Project, 1289
Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly, 425
APOE Genotype as a Risk Factor for Ischemic Cerebrovascular Disease: A Meta-Analysis, abstract, 243
Apolipoprotein E Polymorphism in Cerebrovascular Disease, abstract, 2530
Arterial Pulsatility as an Index of Cerebral Microangiopathy in Diabetes, 1111
Association Between Platelet Glycoprotein Ibα Genotype and Ischemic Cerebrovascular Disease, 493
Association Between Severe Cerebral Amyloid Angiopathy and Cerebrovascular Lesions in Alzheimer Disease Is Not a Spurious One Attributable to Apolipoprotein E4, abstract, 2530
Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415
C-Reactive Protein and Outcome After First-Ever Ischemic Stroke. Letter to the Editor, 238
C242T Polymorphism of NADPH Oxidase p22 *PHOX* Gene and Ischemic Cerebrovascular Disease in the Japanese Population, 936
Cardiac Arrhythmias and Stroke: Increased Risk in Men With High Frequency of Atrial Ectopic Beats, 2925
A Common Mutation in Lipoprotein Lipase Confers a 2-Fold Increase in Risk of Ischemic Cerebrovascular Disease in Women But Not in Men, abstract, 2531
Contrast Transcranial Doppler Ultrasound in the Detection of Right-to-Left Shunts: Time Window and Threshold in Microbubble Numbers, 1640
Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346
CVA: Reducing the Risk of a Confused Vascular Analysis: The Feinberg Lecture, 1451
Decreased Severity of Brain Infarct Can in Part Explain the Decreasing Case Fatality Rate of Stroke, 651
Demographic, Morphological, and Clinical Characteristics of 1289 Patients With Brain Arteriovenous Malformation, 1307
Determinants of Use of Emergency Medical Services in a Population With Stroke Symptoms: The Second Delay in Accessing Stroke Healthcare (DASH II) Study, 2591
Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? 2984
Effect of Intravenous Recombinant Tissue Plasminogen Activator on Ischemic Stroke Lesion Size Measured by Computed Tomography, 2912
Fluoxetine in Early Poststroke Depression: A Double-Blind Placebo-Controlled Study, 1829

Frequencies of Certain Complement Protein Alleles and Serum Levels of Anti-Heat-Shock Protein Antibodies in Cerebrovascular Diseases, 2648
Gender Differences in the Risk of Ischemic Stroke Associated With Aortic Atheromas, 2623
The Gene Encoding Atrial Natriuretic Peptide and the Risk of Human Stroke, abstract, 802
Health-Related Quality of Life Among Long-Term Survivors of Stroke: Results From the Auckland Stroke Study, 1991–1992, 440
Incident Hemorrhage Risk of Brain Arteriovenous Malformations Located in the Arterial Borderzones, 2365
Influence of Raised Plasma Osmolality on Clinical Outcome After Acute Stroke, 2043
Influence of Socioeconomic Circumstances in Early and Later Life on Stroke Risk Among Men in a Scottish Cohort Study, 2093
International Trends in Mortality From Stroke, 1968 to 1994, 1588
Ischemic Heart Disease in Black South African Stroke Patients, 1294
Noninvasive Measurement of Cerebral Blood Flow With ^{99m}Tc-Hexamethylpropyleneamine Oxime Single-Photon Emission Computed Tomography and 1-Point Venous Blood Sampling, 2203
North Carolina Stroke Prevention and Treatment Facilities Survey: Statewide Availability of Programs and Services, 66
Optimal Intensity of Warfarin Therapy for Secondary Prevention of Stroke in Patients With Nonvalvular Atrial Fibrillation: A Multicenter, Prospective, Randomized Trial, 817
Placebo Treatment in Acute Stroke Trials: Benefit or Harm to Patients? 355
Racial Variation in Initial Stroke Severity, 563
Regional Myocardial Perfusion After Experimental Subarachnoid Hemorrhage, 1136. Editorial comment, 1142
Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways, 672
Relationship Between Pattern of Intracranial Artery Abnormalities on Transcranial Doppler and Oxfordshire Community Stroke Project Clinical Classification of Ischemic Stroke, 714
Risk Factors for Peripartum and Postpartum Stroke and Intracranial Venous Thrombosis, 1274
Serum Vitamin C Concentration Was Inversely Associated With Subsequent 20-Year Incidence of Stroke in a Japanese Rural Community: The Shibata Study, 2287
Stroke Incidence on the East Coast of Australia: The North East Melbourne Stroke Incidence Study (NEMESIS), 2087
The Stroke Prognosis Instrument II (SPI-II): A Clinical Prediction Instrument for Patients With Transient Ischemia and Nondisabling Ischemic Stroke, 456
Surgical Patent Foramen Ovale Closure for Prevention of Paradoxical Embolism-Related Cerebrovascular Ischemic Events, abstract, 806
Thienopyridines or Aspirin to Prevent Stroke and Other Serious Vascular Events in Patients at High Risk of Vascular Disease? : A Systematic Review of the Evidence From Randomized Trials, 1779
Transient Focal Neurological Deficits During Pregnancy in Carriers of Inherited Thrombophilia, 892
Treatment of Cognitive Impairment After Poststroke Depression: A Double-Blind Treatment Trial, 1482
Trends in Validated Cases of Fatal and Nonfatal Stroke, Stroke Classification, and Risk Factors in Southeastern New England, 1980 to 1991: Data From the Pawtucket Heart Health Program, 875
Vascular Dementia : Incidence and Risk Factors in the Canadian Study of Health and Aging, 1487

Cerebrovascular reactivity
Impairment of Cerebrovascular Reactivity by Methionine-Induced Hyperhomocysteinemia and Amelioration by Quinapril Treatment, 2907

Cervical artery
Extracranial Cervical Artery Dissection. Letter to the Editor, 799

Child
Early Growth, Adult Income, and Risk of Stroke, 869
Factor V Leiden and Antiphospholipid Antibodies Are Significant Risk Factors for Ischemic Stroke in Children, 1283
Linkage of Familial Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis) to Chromosome 17q25, 930
Stroke in Children: The Coexistence of Multiple Risk Factors Predicts Poor Outcome, abstract, 1201

Chinese
Use of Transcranial Doppler Ultrasound to Predict Outcome in Patients With Intracranial Large-Artery Occlusive Disease, 2641

Chlamydia
Chlamydia pneumoniae Infection and PFO-Associated Ischemic Stroke, letter, 2519. Response, 2520
Chlamydia pneumoniae Seropositivity Is Associated With Carotid Artery Intima-Media Thickness, 1526

Cholesterol
Cholesterol Reduction and Stroke Occurrence: An Overview of Randomized Clinical Trials, abstract, 1796
HDL-Cholesterol, Total Cholesterol, and the Risk of Stroke in Middle-Aged British Men, 1882

Chorea
Brain MRI in Patients With Past Lupus-Associated Chorea, 3080

Cigarette smoking
Risk Factors for Multiple Intracranial Aneurysms, 392
Smoking and Atherosclerotic Cardiovascular Disease in Men With Low Levels of Serum Cholesterol: The Korea Medical Insurance Corporation Study, abstract, 995
Smoking Increases Tissue Factor Expression in Atherosclerotic Plaques: Implications for Plaque Thrombogenicity, abstract, 3087

Circadian rhythm
Differing Temporal Patterns of Onset in Subgroups of Patients With Intracerebral Hemorrhage, 1538
The Effect of Acute Ingestion of a Large Dose of Alcohol on the Hemostatic System and Its Circadian Variation, 1269

Circle of Willis
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713

Cisterna magna
Microcatheter Intrathecal Urokinase Infusion Into Cisterna Magna for Prevention of Cerebral Vasospasm: Preliminary Report, 2141

Clinical trials
Benefit of an Extended Stroke Unit Service With Early Supported Discharge: A Randomized, Controlled Trial, 2989
CVA: Reducing the Risk of a Confused Vascular Analysis: The Feinberg Lecture, 1451
Development of an Ischemic Stroke Survival Score, 2414
Effect of Intravenous Recombinant Tissue Plasminogen Activator on Ischemic Stroke Lesion Size Measured by Computed Tomography, 2912
Effect of Triamcinolone Acetonide Injections on Hemiplegic Shoulder Pain: A Randomized Clinical Trial, 2396
Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NIN tPA Stroke Trial, 2335
Lubeluzole in Acute Ischemic Stroke Treatment: A Double-Blind Study With an 8-Hour Inclusion Window Comparing a 10-mg Daily Dose of Lubeluzole With Placebo, 2543
Management Patterns and Costs of Acute Ischemic Stroke: An International Study, 582
Outcomes of Early Endovascular Versus Surgical Treatment of Ruptured Cerebral Aneurysms: A Prospective Randomized Study, 2369
Placebo Treatment in Acute Stroke Trials: Benefit or Harm to Patients? 355
Results in 95 Hemorrhagic Stroke Patients Included in CLASS, a Controlled Trial of Clomethiazole Versus Placebo in Acute Stroke Patients, 82
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis : The Thrombolysis in Acute Stroke Pooling Project, 1555
Surgery for Intracerebral Hemorrhage. Letter to the Editor, 791. Response, 791

Clormethiazole
Results in 95 Hemorrhagic Stroke Patients Included in CLASS, a Controlled Trial of Clomethiazole Versus Placebo in Acute Stroke Patients, 82

Clototripsy
Clototripsy? Letter, 2024. Response, 2024

Coagulation
Diagnostic Testing for Coagulopathies in Patients With Ischemic Stroke, 3067
Cocaine
Intracranial Aneurysms and Cocaine Abuse: Analysis of Prognostic Indicators, abstract, 2280
Cognition
Corpus Callosum Atrophy in Patients With Leukoaraiosis May Indicate Global Cognitive Impairment, 1515
Recovery of Ipsilateral Dexterity After Stroke, 430
Stroke and Apolipoprotein E ϵ4 Are Independent Risk Factors for Cognitive Decline: A Population-Based Study, 2431
Cognitive disorders
Treatment of Cognitive Impairment After Poststroke Depression: A Double-Blind Treatment Trial, 1482
Cohort studies
Predictors of Death and Vascular Events in the Elderly: The Perth Community Stroke Study, 863
Relationship Between Pattern of Intracranial Artery Abnormalities on Transcranial Doppler and Oxfordshire Community Stroke Project Clinical Classification of Ischemic Stroke, 714
Vascular Dementia: Incidence and Risk Factors in the Canadian Study of Health and Aging, 1487
Collagen
Increased Platelet Sensitivity to Collagen in Individuals Resistant to Low-Dose Aspirin, 591
Collateral circulation
Angiographically Defined Collateral Circulation and Risk of Stroke in Patients With Severe Carotid Artery Stenosis, 128
Collateral Configuration of the Circle of Willis: Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy, 1346
Collateral Variations in Circle of Willis in Atherosclerotic Population Assessed by Means of Transcranial Color-Coded Duplex Ultrasonography, 1656
A Longitudinal Study of Collateral Flow Patterns in the Circle of Willis and the Ophthalmic Artery in Patients With a Symptomatic Internal Carotid Artery Occlusion, 1913
Coma
Quantitative Analysis of the Loss of Distinction Between Gray and White Matter in Comatose Patients After Cardiac Arrest:, 2163
Comorbidity
Who Benefits From Treatment and Rehabilitation in a Stroke Unit? A Community-Based Study, 434
Complications
Cerebrovascular Monitoring During Carotid Endarterectomy, 1799
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Medical Complications After Stroke: A Multicenter Study, 1223
Medical Complications of Ischemic Stroke and Length of Hospital Stay: Experience in Seattle; Washington, abstract, 552
Constraint-induced movement therapy
Constraint-Induced Movement Therapy and Massed Practice, 986. Response, 988
Contraceptives, oral
Low-Dose Oral Contraceptives and Acquired Resistance to Activated Protein C: A Randomised Cross-Over Study, abstract, 1205
Contrast media
Benefit of Echocontrast-Enhanced Transcranial Color-Coded Duplex Ultrasound in the Assessment of Intracranial Collateral Pathways, 920
Contrast-Enhanced Transcranial Color-Coded Sonography in Acute Cerebral Infarction, letter, 2025
Harmonic Imaging of the Human Brain: Visualization of Brain Perfusion With Ultrasound, 151
Stimulated Acoustic Emission Detected by Transcranial Color Doppler Ultrasound: A Contrast-Specific Phenomenon Useful for the Detection of Cerebral Tissue Perfusion, 1661
Ultrasound Perfusion Imaging of the Human Brain, 2421
Visualization of Brain Perfusion With Harmonic Gray Scale and Power Doppler Technology : An Animal Pilot Study, 1728. Editorial comment, 1733
Controlled clinical trials
Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? 2984
Selfotel in Acute Ischemic Stroke: Possible Neurotoxic Effects of an NMDA Antagonist, 347
Coronary disease
Insulin Resistance Syndrome Predicts the Risk of Coronary Heart Disease and Stroke in Healthy Middle-Aged Men: The 22-Year Follow-up Results of the Helsinki Policemen Study, abstract, 1469
Ischemic Heart Disease in Black South African Stroke Patients, 1294
Cost-benefit analysis
Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346
Costs and cost analysis
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: II. Cost Minimization Analysis at 6 Months, 1032
Is Carotid Endarterectomy Cost-Effective in Symptomatic Patients with Moderate (50 to 69%) Stenosis? abstract, 999
Management Patterns and Costs of Acute Ischemic Stroke: An International Study, 582
Resource Utilization and Costs of Stroke Unit Care Integrated in a Care Continuum: A 1-Year Controlled, Prospective, Randomized Study in Elderly Patients: The Göteborg 70+ Stroke Study, 2569
Safety and Cost of Low-Molecular-Weight Heparin as Bridging Anticoagulant Therapy in Subacute Cerebral Ischemia, 2563
Cranial nerves
Aspirin Use and the Prevention of Acute Ischemic Cranial Nerve Palsy, abstract, 2034
Facial Palsy in Cerebral Venous Thrombosis: Transcranial Stimulation and Pathophysiological Considerations, 1766
Critical care
Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346
Cross-sectional studies
Geographic Variation in Stroke Risk in the United States: Region, Urbanization, and Hypertension in the Third National Health and Nutrition Examination Survey, 19
Cyclic AMP
Mechanisms of Cerebral Arterial Relaxations to Hydrogen Peroxide, 2224. Editorial comment, 2229
Cyclin-dependent kinases
Cyclin D1 and Cdk4 Protein Induction in Motor Neurons After Transient Spinal Cord Ischemia in Rabbits, 200. Editorial comment, 207
Cyclins
Cyclin D1 and Cdk4 Protein Induction in Motor Neurons After Transient Spinal Cord Ischemia in Rabbits, 200. Editorial comment, 207
Cyclooxygenase
Mechanisms of Cerebral Arterial Relaxations to Hydrogen Peroxide, 2224. Editorial comment, 2229
Cytokines
Endothelin-1 in Subarachnoid Hemorrhage: An Acute-Phase Reactant Produced by Cerebrospinal Fluid Leukocytes, 2971
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039

D

Data collection
North Carolina Stroke Prevention and Treatment Facilities Survey: Statewide Availability of Programs and Services, 66
Death
Five-Year Survival After First-Ever Stroke and Related Prognostic Factors in the Perth Community Stroke Study, 2080
Hyperhomocysteinemia Increases Risk of Death; Especially in Type 2 Diabetes: 5-Year Follow-Up of the Hoorn Study, abstract, 2032

Decision analysis
Diagnostic Testing for Coagulopathies in Patients With Ischemic Stroke, 3067
Perimesencephalic Hemorrhage and CT Angiography: A Decision Analysis, 2976
Deep vein thrombosis
Anticoagulant Patient Information Material Is Written at High Readability Levels, 2966
Low-Molecular-Weight Heparins and Heparinoids in Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials, 1770
Delivery of health care, integrated
Randomized Controlled Trial of Integrated (Managed) Care Pathway for Stroke Rehabilitation, 1929
Dementia
Clinical and Radiological Determinants of Prestroke Cognitive Decline in a Stroke Cohort, abstract, 994
Comparison of Different Clinical Criteria (M-III, ATC, ICD-10, NIN-AIREN, M-IV) for the Diagnosis of Vascular Dementia, 2952
Correlates of Informant-Rated Cognitive Decline After Stroke, abstract, 2281
Effect of the Apolipoprotein E ε4 Allele on White Matter Hyperintensities in Dementia, 1263
Frequency and Clinical Determinants of Dementia After Ischemic Stroke, abstract, 1792
How Complex Interactions of Ischemic Brain Infarcts; White Matter Lesions; and Atrophy Relate to Poststroke Dementia, abstract, 3085
Incidence of Dementia in Relation to Stroke and the Apolipoprotein E ε4 Allele in the Very Old: Findings From a Population-Based Longitudinal Study, 53
Poststroke Dementia : Clinical Features and Risk Factors, 1494
A Short Screening Instrument for Poststroke Dementia : The R-CAM-COG, 1502
Vascular Cell Components of the Medullary Arteries in Binswanger's Disease Brains: A Morphometric and Immunoelectron Microscopic Study, 1838
Depolarization
Factors Influencing the Frequency of Fluorescence Transients as Markers of Peri-Infarct Depolarizations in Focal Cerebral Ischemia, 214. Editorial comment, 221
Depression
Depression and Other Determinants of Values Placed on Current Health State by Stroke Patients: Evidence From the VA Acute Stroke (VASt) Study, 2603
Fluoxetine in Early Poststroke Depression: A Double-Blind Placebo-Controlled Study, 1829
Functional and Neuroanatomic Correlations in Poststroke Depression: The Sunnybrook Stroke Study, 637
Neuroanatomic and Functional Correlates of Depressed Mood: The Cardiovascular Health Study, abstract, 802
Poststroke Depression and Emotional Incontinence: Correlation With Lesion Location, abstract, 2030
Treatment of Cognitive Impairment After Poststroke Depression: A Double-Blind Treatment Trial, 1482
Developing countries
Prevalence of Stroke: A Door-to-Door Survey in Rural Bolivia, 882
Diabetes mellitus
Arterial Pulsatility as an Index of Cerebral Microangiopathy in Diabetes, 1111
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Diagnosis
Comparison of Different Clinical Criteria (M-III, ATC, ICD-10, NIN-AIREN, M-IV) for the Diagnosis of Vascular Dementia, 2952
Diagnostic Testing for Coagulopathies in Patients With Ischemic Stroke, 3067
Hemostatic Markers in Patients at Risk of Cerebral Ischemia, 1856
North Carolina Stroke Prevention and Treatment Facilities Survey: Statewide Availability of Programs and Services, 66
Perimesencephalic Hemorrhage and CT Angiography: A Decision Analysis, 2976
"Self-Fulfilling Prophecy" or Recognition Requires a Concept of Perception. Letter to the Editor, 231. Response, 232
Validity of Self-Reported Stroke : The Tromsø Study, 1602
Diagnostic imaging
Critical Appraisal of the Design and Reporting of Studies of Imaging and Measurement of Carotid Stenosis, 1444
DIAS I: Duplex-Sonographic Assessment of the Cerebrovascular Status in Acute Stroke: A Useful Tool for Future Stroke Trials, 2342
Diet
Dietary Potassium Intake and Stroke Mortality, 1532
Fruit and Vegetable Intake in Relation to Risk of Ischemic Stroke, abstract, 552
Intake of Flavonoids, Carotenoids, Vitamins C and E, and Risk of Stroke in Male Smokers, 2301
Disability evaluation
Measuring Outcomes in Acute Stroke Trials. Letter to the Editor, 232
Quality of Life Among Stroke Survivors Evaluated 1 Year After Stroke: Experience of a Stroke Unit, 2995
Disease models, animal
A Modified Transorbital Baboon Model of Reperfused Stroke, 3054. Editorial comment, 3063
Disease progression
Deterioration Following Spontaneous Improvement: Sonographic Findings in Patients With Acutely Resolving Symptoms of Cerebral Ischemia, 915
Dissection
Long-Term Outcomes After Carotid Stent Placement For Treatment of Carotid Artery Dissection, abstract, 998
MR Angiography For the Long-Term Follow-Up of Dissecting Aneurysms of the Extracranial Internal Carotid Artery, abstract, 1794
Mutations in the Tropoelastin Gene (ELN) Were Not Found in Patients With Spontaneous Cervical Artery Dissections, 1935
Dogs
Regional Myocardial Perfusion After Experimental Subarachnoid Hemorrhage, 1136. Editorial comment, 1142
Visualization of Brain Perfusion With Harmonic Gray Scale and Power Doppler Technology: An Animal Pilot Study, 1728. Editorial comment, 1733
Drug therapy
Treatment of Cognitive Impairment After Poststroke Depression: A Double-Blind Treatment Trial, 1482
Drug therapy, combination
Effects of Fixed Low-Dose Warfarin, Aspirin-Warfarin Combination Therapy, and Dose-Adjusted Warfarin on Thrombogenesis in Chronic Atrial Fibrillation, 828
Dysphagia
Mechanisms of Dysphagia in Suprabulbar Palsy With Lacunar Infarct, 1370

E

Echo-planar imaging
Assessment of Lacunar Hemorrhage Associated With Hypertensive Stroke by Echo-Planar Gradient-Echo T2*-Weighted MRI, 1646
Echocardiography
Morphological and Functional Characteristics of Patent Foramen Ovale and Their Embolic Implications, 2407
Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease: A Population-Based Study, 2628
Prevalence of Potential Risk Factors for Stroke Assessed by Transesophageal Echocardiography and Carotid Ultrasonography: The SPARC Study, abstract, 243
Regional Myocardial Perfusion After Experimental Subarachnoid Hemorrhage, 1136. Editorial comment, 1142
Echocardiography, transesophageal
Gender Differences in the Risk of Ischemic Stroke Associated With Aortic Atheromas, 2623
Economics
Economic Evaluation in Stroke Research: A Systematic Review, 1046
Editorials
AHA Announces Editor Designee for *Stroke*, 1
Cerebrovascular Monitoring During Carotid Endarterectomy, 1799

Ethnicity and Stroke: Beware of the Fallacies, 1013
Nine Years Later: Farewell and Welcome 1208

Education
Activation of Emergency Medical Services for Acute Stroke in a Nonurban Population: The T.L.L. Temple Foundation Stroke Project, 1925

Elderly
The Design of a Prospective Study of Pravastatin in the Elderly at Risk (PROSPER), abstract, 805
Effect of Acute Stroke Unit Care Integrated With Care Continuum Versus Conventional Treatment: A Randomized 1-Year Study of Elderly Patients: The Göteborg 70+ Stroke Study, 2578
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke in Patients Aged 80 Years and Older: The tPA Stroke Survey Experience, 370
Lacunar Infarcts in Patients Aged 85 Years and Older, abstract, 1200
Predictors of Death and Vascular Events in the Elderly: The Perth Community Stroke Study, 863
Predictors of Survival Among Elders Suffering Strokes in Taiwan: Observation From a Nationally Representative Sample, 2354
Relation of Low Body Mass to Death and Stroke in the Systolic Hypertension in the Elderly Program, abstract, 1792
Resource Utilization and Costs of Stroke Unit Care Integrated in a Care Continuum: A 1-Year Controlled, Prospective, Randomized Study in Elderly Patients: The Göteborg 70+ Stroke Study, 2569
Risk of Stroke in Relation to Level of Blood Pressure and Other Risk Factors in Treated Hypertensive Patients, 48

Electrocardiography
Cardiac Arrhythmias and Stroke: Increased Risk in Men With High Frequency of Atrial Ectopic Beats, 2925

Electromagnetic fields
Treatment-Induced Cortical Reorganization After Stroke in Humans, 1210

Electromyography
Mechanisms of Dysphagia in Suprabulbar Palsy With Lacunar Infarct, 1370

Embolism
Cerebral Microembolism Detected by Transcranial Doppler During Cardiac Procedures, 2508
Chlamydia pneumoniae Does Not Influence Atherosclerotic Plaque Behavior in Patients With Established Carotid Artery Stenosis, 2930
Comparison of Microembolism Detected by Transcranial Doppler and Neuropsychological Sequelae of Carotid Surgery and Percutaneous Transluminal Angioplasty, 1329
Longer Duration of Cardiopulmonary Bypass Is Associated With Greater Numbers of Cerebral Microemboli, 707
Low-Molecular-Weight Heparins and Heparinoids in Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials, 1770
Morphological and Functional Characteristics of Patent Foramen Ovale and Their Embolic Implications, 2407
Silent Embolism in Diagnostic Cerebral Angiography and Neurointerventional Procedures: A Prospective Study, abstract, 804

Embolization, therapeutic
Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms: Clinical and Angiographic Outcomes, 100
Microcatheter Intrathecal Urokinase Infusion Into Cisterna Magna for Prevention of Cerebral Vasospasm: Preliminary Report, 2141
Outcomes of Early Endovascular Versus Surgical Treatment of Ruptured Cerebral Aneurysms: A Prospective Randomized Study, 2369

Emergency medical services
Activation of Emergency Medical Services for Acute Stroke in a Nonurban Population: The T.L.L. Temple Foundation Stroke Project, 1925
Determinants of Use of Emergency Medical Services in a Population With Stroke Symptoms: The Second Delay in Accessing Stroke Healthcare (DASH II) Study, 2591
Identifying Stroke in the Field: Prospective Validation of the Los Angeles Prehospital Stroke Screen (LAPSS), 71
North Carolina Stroke Prevention and Treatment Facilities Survey: Statewide Availability of Programs and Services, 66
Prehospital and Emergency Department Delays After Acute Stroke: The Genentech Stroke Presentation Survey, 2585

Emergency service, hospital
Prehospital and Emergency Department Delays After Acute Stroke: The Genentech Stroke Presentation Survey, 2585

Emotions
Emotional Outcomes After Stroke: Factors Associated With Poor Outcome, abstract, 1200

Endocarditis
An Uncommon Cause of Recurrent Strokes: Tropheryma whippelii Endocarditis, 2002

Endothelins
Administration of Selective Endothelin Receptor Type A Antagonist Ro 61-1790 Does Not Improve Outcome in Focal Cerebral Ischemia in Cat, abstract, 1793
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels, 516
Endothelin-1 in Subarachnoid Hemorrhage: An Acute-Phase Reactant Produced by Cerebrospinal Fluid Leukocytes, 2971
Mechanism of Endothelin-1–Induced Contraction in Rabbit Basilar Artery, 526. Editorial comment, 533
Plasma Endothelin-1 Levels Neither Increase nor Correlate With Neurological Scores, Stroke Risk Factors, or Outcome in Patients With Ischemic Stroke, 720
Plasma Endothelin Concentrations After Aneurysmal Subarachnoid Hemorrhage, abstract, 1791

Endothelium
Hypertonic Mannitol Loading of NF-κB Transcription Factor Decoys in Human Brain Microvascular Endothelial Cells Blocks Upregulation of ICAM-1, 1179. Editorial comment, 1186
Impaired Endothelial Function in Transgenic Mice Expressing Both Human Renin and Human Angiotensinogen, 760. Editorial comment, 765
Leukocyte-Endothelium Interaction in Pial Vessels Following Global; Cerebral Ischaemia, abstract, 2282

Endovascular therapy
Cerebral Aneurysms Treated by Guglielmi Detachable Coils: Evaluation With Diffusion-Weighted MR Imaging, abstract, 2528
Clinical and Angiographic Results of Endosaccular Coiling Treatment of Giant and Very Large Intracranial Aneurysms: A 7-Year; Single-Center Experience, abstract, 550
Effect of Endovascular Services and Hospital Volume on Cerebral Aneurysm Treatment Outcomes, 111
Efficacy and Current Limitations of Intravascular Stents for Intracranial Internal Carotid, Vertebral, and Basilar Artery Aneurysms, abstract, 549
Intra-Arterial Cerebral Thrombolysis For Acute Ischemic Stroke in a Community Hospital, abstract, 805
Prospective Analysis of Aneurysm Treatment in a Series of 103 Consecutive Patients When Endovascular Embolization Is Considered the First Option, abstract, 3084
Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NAST-Ineligible Patients, 3029

Energy metabolism
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684

England
Evaluation of Measures Used to Assess Quality of Life After Stroke, 2004

Enzyme inhibitors
Proteasome Inhibitor PS519 Reduces Infarction and Attenuates Leukocyte Infiltration in a Rat Model of Focal Cerebral Ischemia, 1686. Editorial comment, 1693

Eosinophilia
Eosinophilia and Positive Skin Tests Predict Cardiovascular Mortality in a General Population Sample Followed for 30 Years, abstract, 242

Epidemiology
Chlamydia pneumoniae and the Risk of First Ischemic Stroke : The Northern Manhattan Stroke Study, 1521
Age Specific Prevalence of Impairment and Disability Relating to Hemiplegic Stroke in the Hai District of Northern Tanzania, abstract, 3086

Anticardiolipin Antibodies Are Not an Independent Risk Factor for Stroke: An Incident Case-Referent Study Nested Within the MONICA and Västerbotten Cohort Project, 1289
Antithrombotic and Antihypertensive Management 3 Months After Ischemic Stroke: A Prospective Study in an Inner City Population, 469
Comparison of Risk Factors for Stroke Incidence and Stroke Mortality in 20 Years of Follow-Up in Men and Women in the Renfrew/Paisley Study in Scotland, 1893
Demographic, Morphological, and Clinical Characteristics of 1289 Patients With Brain Arteriovenous Malformation, 1307
Epidemiology of Aneurysmal Subarachnoid Hemorrhage in Australia and New Zealand: Incidence and Case Fatality From the Australasian Cooperative Research on Subarachnoid Hemorrhage Study (ACROSS), 1843
Ethnicity and Equity: Mising the Point, letter, 2517. Response, 2517
Ethnicity and Stroke: Beware of the Fallacies, 1013
Ethnicity in Stroke: Practical Implications, letter. 2732. Response, 2732
Increased Stroke Incidence in Lund-Orup, Sweden, Between 1983 to 1985 and 1993 to 1995, 481
Influence of Socioeconomic Circumstances in Early and Later Life on Stroke Risk Among Men in a Scottish Cohort Study, 2093
Intake of Flavonoids, Carotenoids, Vitamins C and E, and Risk of Stroke in Male Smokers, 2301
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
A Multinational Comparison of Subarachnoid Hemorrhage Epidemiology in the WHO MONICA Stroke Study, 1054
Orthostatic Hypotension as a Risk Factor for Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, 1987-1996, 2307
Physical Activity and Stroke Mortality in Women: Ten-Year Follow-Up of the Nord-Trøndelag Health Survey, 1984–1986, 14
A Population-Based Study of Transient Ischemic Attack Incidence in Novosibirsk, Russia, 1987–1988 and 1996–1997, 9
Predictors of Survival Among Elders Suffering Strokes in Taiwan: Observation From a Nationally Representative Sample, 2354
Prevalence of Stroke: A Door-to-Door Survey in Rural Bolivia, 882
Risk Factors for Peripartum and Postpartum Stroke and Intracranial Venous Thrombosis, 1274
Stroke Incidence on the East Coast of Australia: The North East Melbourne Stroke Incidence Study (NEMESIS), 2087
Trends in Stroke Incidence and Acute Case Fatality in a Japanese Rural Area : The Oyabe Study, 1583
Trends in Validated Cases of Fatal and Nonfatal Stroke, Stroke Classification, and Risk Factors in Southeastern New England, 1980 to 1991: Data From the Pawtucket Heart Health Program, 875
Validity of Self-Reported Stroke : The Tromsø Study, 1602
Variations in Stroke Incidence and Survival in 3 Areas of Europe, 2074
Vascular Dementia : Incidence and Risk Factors in the Canadian Study of Health and Aging, 1487
Widening Gap of Stroke Between East and West: Eight-Year Trends in Occurrence and Risk Factors in Russia and Sweden, 2

Estradiol
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235
Ovariectomy Exacerbates and Estrogen Replacement Attenuates Photothrombotic Focal Ischemic Brain Injury in Rats, 155. Editorial comment, 160

Estrogen replacement therapy
Hormone Replacement Therapy and Intima-Media Thickness of the Common Carotid Artery: The Rotterdam Study, 2273
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals, 1173. Editorial comment, 1178

Estrogens
The Direct Antiatherogenic Effect of Estrogen Is Present, Absent, or Reversed, Depending on the State of the Arterial Endothelium: A Time Course Study in Cholesterol-Clamped Rabbits, abstract, 553
Estradiol Exerts Neuroprotective Effects When Administered After Ischemic Insult, 745. Editorial comment, 749
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046
Neuroprotective Effects of Female Gonadal Steroids in Reproductively Senescent Female Rats, 161. Editorial comment, 167
Stroke in Estrogen Receptor-α–Deficient Mice, 738. Editorial comment, 744

Ethnic groups
Differences in Risk Factors; Atherosclerosis; and Cardiovascular Disease Between Ethnic Groups in Canada: The Study of Health Assessment and Risk in Ethnic Groups (SHARE), abstract, 3086
Differences in Stroke Subtypes Among Natives and Caucasians in Boston and Buenos Aires, 2385
Ethnicity and Stroke: Beware of the Fallacies, 1013
Ethnicity and Equity: Missing the Point, 2517. Response, 2517
Ethnicity in Stroke: Practical Implications, letter, 2732. Response, 2732
Westernization of Chinese Adults and Increased Subclinical Atherosclerosis, abstract, 552

Evoked potentials
The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus, 1162. Editorial comment, 1172

Excitatory amino acids
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Is Pharmacological Neuroprotection Dependent on Reduced Glutamate Release? 766. Editorial comment, 773
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996

Excitotoxicity
σ_1-Receptor Ligand 4-Phenyl-1-(4-Phenylbutyl)-Piperidine Affords Neuroprotection From Focal Ischemia With Prolonged Reperfusion, 976. Editorial comment, 982
Effect of Ganaxolone in a Rodent Model of Cerebral Hematoma, 169. Editorial comment, 174
Nitric Oxide–Related Brain Damage in Acute Ischemic Stroke, 852

Excitotoxins
White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952

Exercise
Middle Cerebral Artery Blood Flow Velocity in Elite Power Athletes During Maximal Weight-Lifting, abstract, 2739
Physical Activity and Stroke Mortality in Women: Ten-Year Follow-Up of the Nord-Trøndelag Health Survey, 1984–1986, 14

F

Factor II
Cerebral Venous Thrombosis and the G20210A Mutation of Factor II, letter, 543. Response, 543

Factor V
Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437

Family
Risk of Subarachnoid Haemorrhage in First Degree Relatives of Patients With Subarachnoid Haemorrhage: Follow Up Study Based on National Registries in Denmark, abstract, 1467
Stroke Patients in South Madrid: Function and Motor Recovery, Resource Utilization, and Family Support, 1352

Feeding behavior
Does Feeding Alter Arterial Oxygen Saturation in Patients With Acute Stroke? 2134

Ferritin
Serum Ferritin and C282Y Mutation of the Hemochromatosis Gene as Predictors of Asymptomatic Carotid Atherosclerosis in a Community Population, 3015

Fetal growth retardation
Early Growth, Adult Income, and Risk of Stroke, 869
Fetus
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels. Editorial comment, 525
Fever
Effects of Poststroke Pyrexia on Stroke Outcome: A Meta-Analysis of Studies in Patients, 410
Fibrinolysis
Antifibrinolytic Treatment in Subarachnoid Hemorrhage: A Randomized Placebo-Controlled Trial, abstract, 993
Combined Intravenous and Intra-Arterial Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke, 2552
Tissue Plasminogen Activator, Plasminogen Activator Inhibitor-1, and Tissue Plasminogen Activator/Plasminogen Activator Inhibitor-1 Complex as Risk Factors for the Development of a First Stroke, 26
Urokinase Cisternal Irrigation Therapy for Prevention of Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Study of Urokinase Concentration and the Fibrinolytic System, 1256
Fistula
Carotid and Transcranial Color-Coded Duplex Sonography in Different Types of Carotid-Cavernous Fistula, 701
Flumazenil
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Fluoxetine
Fluoxetine in Early Poststroke Depression: A Double-Blind Placebo-Controlled Study, 1829
Follow-up studies
A Longitudinal Study of Collateral Flow Patterns in the Circle of Willis and the Ophthalmic Artery in Patients With a Symptomatic Internal Carotid Artery Occlusion, 1913
Neurobehavioral Outcome Prediction After Cardiac Surgery: Role of Neurobiochemical Markers of Damage to Neuronal and Glial Brain Tissue, 645
Sex Differences in the Relationship of Risk Factors to Subclinical Carotid Atherosclerosis Measured 15 Years Later: The Tromsø Study, 574
Foramen ovale, patent
Chlamydia pneumoniae Infection and PFO-Associated Ischemic Stroke, letter, 2519. Response, 2520
Contrast Transcranial Doppler Ultrasound in the Detection of Right-to-Left Shunts: Time Window and Threshold in Microbubble Numbers, 1640
Morphological and Functional Characteristics of Patent Foramen Ovale and Their Embolic Implications, 2407
Surgical Patent Foramen Ovale Closure for Prevention of Paradoxical Embolism-Related Cerebrovascular Ischemic Events, abstract, 806
Fornix (brain)
Amnesia due to Fornix Infarction, 1418
Free radicals
Improvement in Cerebral Blood Flow and Metabolism Following Subarachnoid Hemorrhage in Response to Prophylactic Administration of the Hydroxyl Radical Scavenger; AVS; (±)-N;N'-Propylenedinicotinamide: A Positron Emission Tomography Study in Rats, abstract, 3084
Oxidative Stress in the Context of Acute Cerebrovascular Stroke, 1889
Oxygen-Glucose Deprivation Induces Inducible Nitric Oxide Synthase and Nitrotyrosine Expression in Cerebral Endothelial Cells, 1744. Editorial comment, 1751
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996

G

GABA
Dehydroepiandrosterone Sulfate Is Neuroprotective in a Reversible Spinal Cord Ischemia Model: Possible Involvement of GA_A Receptors, 1953. Editorial comment, 1957
Effect of Ganaxolone in a Rodent Model of Cerebral Hematoma, 169. Editorial comment, 174
Gait
Conventional Physiotherapy and Treadmill Re-Training for Higher-Level Gait Disorders in Cerebrovascular Disease, abstract, 3088
Gender
Gender and Carotid Endarterectomy: Does it Matter? abstract, 2740
Risk Factors for Multiple Intracranial Aneurysms, 392
Sex Differences and Similarities in the Management and Outcome of Stroke Patients, 1833
Stroke in Estrogen Receptor-α–Deficient Mice, 738. Editorial comment, 744
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691
Gene expression
Postischemic Cerebrovascular E-Selectin Expression Mediates Tissue Injury in Murine Stroke, 3047. Editorial comment, 3053
Gene transfer
In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975
Genetic engineering
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713
Genetic vectors
In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975
Genetics
α_1-Antichymotrypsin Gene Polymorphism in Patients With Stroke, 2103
Age-Dependent Association of Apolipoprotein E Genotypes With Stroke Subtypes in a Japanese Rural Population, 1299
Aneurysms in Relatives of Patients With Subarachnoid Hemorrhage: Frequency and Risk Factors, abstract, 550
Association Between Platelet Glycoprotein Ibα Genotype and Ischemic Cerebrovascular Disease, 493
Association Between the Glu298Asp Polymorphism in the Endothelial Constitutive Nitric Oxide Synthase Gene and Brain Infarction, 1634
Frequencies of Certain Complement Protein Alleles and Serum Levels of Anti-Heat-Shock Protein Antibodies in Cerebrovascular Diseases, 2648
Frequent Polymorphism of the Human Methylenetetrahydrofolate Reductase. Letter to the Editor, 990. Response, 990
The Gene Encoding Atrial Natriuretic Peptide and the Risk of Human Stroke, abstract, 802
Genetic Predisposition to Stroke in Relatives of Hypertensives, 487
Linkage of Familial Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis) to Chromosome 17q25, 930
Parental History of Stroke Predicts Subclinical But Not Clinical Stroke: The Atherosclerosis Risk in Communities Study, 2098
Relationship of Family History Scores For Stroke and Hypertension to Quantitative Measures of White-Matter Hyperintensities and Stroke Volume in Elderly Males, abstract, 1795
Serum Ferritin and C282Y Mutation of the Hemochromatosis Gene as Predictors of Asymptomatic Carotid Atherosclerosis in a Community Population, 3015
Geography
Geographic Variation in Stroke Risk in the United States: Region, Urbanization, and Hypertension in the Third National Health and Nutrition Examination Survey, 19
Glial fibrillary acidic protein
Release of Glial Tissue-Specific Proteins After Acute Stroke: A Comparative Analysis of Serum Concentrations of Protein S-100B and Glial Fibrillary Acidic Protein, 2670
Glucose
Low Fasting Plasma Glucose Level as a Predictor of Cardiovascular Disease and All-Cause Mortality, abstract, 2282
Glutamate antagonists
Phase II Studies of the Glycine Antagonist GV150526 in Acute Stroke: The North American Experience, 358

Glutamates
Hyperglycemia and Extracellular Glutamate in the Ischemic Brain. letter, 1462. Response, 1462
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Novel Apoptotic Evidence for Delayed Neuronal Death in the Hippocampal CA1 Pyramidal Cells After Transient Ischemia, letter, 236. Response, 237
γ-Glutamyltransferase
Serum Gamma-Glutamyl Transferase, Self-Reported Alcohol Drinking, and the Risk of Stroke, 1851
Growth
Early Growth, Adult Income, and Risk of Stroke, 869
Growth factors
Growth Factors Stimulate Neointimal Cells In Vitro and Increase the Thickness of the Neointima Formed at the Neck of Porcine Aneurysms Treated by Embolization, 498. Editorial comment, 507
Serial Measurement of Vascular Endothelial Growth Factor and Transforming Growth Factor-β1 in Serum of Patients With Acute Ischemic Stroke, 1863
The Window of Opportunity For Neuronal Rescue With Insulin-Like Growth Factor-1 After Hypoxia-Ischemia in Rats Is Critically Modulated by Cerebral Temperature During Recovery, abstract, 1793
Growth substances
Clinicopathological Study of Intracranial Fusiform and Dolichoectatic Aneurysms: Insight on the Mechanism of Growth, 896

H

Headache
The Notion of "Warning Leaks" in Subarachnoid Haemorrhage: Are Such Patients in Fact Admitted With a Rebleed? Abstract, 1791
Health Status
Clinical Meaning of the Stroke-Adapted Sickness Impact Profile-30 and the Sickness Impact Profile-136, 2610
Health education
Anticoagulant Patient Information Material Is Written at High Readability Levels, 2966
Stroke Knowledge Among Stroke Support Group Members, 1230
Health resources
Stroke Patients in South Madrid: Function and Motor Recovery, Resource Utilization, and Family Support, 1352
Health services research
Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415
Heart arrest
Addendum to the Supplement to the Guidelines for the Management of Transient Ischemic Attacks, 1001
Apolipoprotein E Polymorphism: Survival and Neurological Outcome After Cardiopulmonary Resuscitation, 2068
Memory Impairment in Out-of-Hospital Cardiac Arrest Survivors Is Associated With Global Reduction in Brain Volume, Not Focal Hippocampal Injury, 1509
Mild Resuscitative Hypothermia to Improve Neurological Outcome After Cardiac Arrest: A Clinical Feasibility Trial, 86
Quantitative Analysis of the Loss of Distinction Between Gray and White Matter in Comatose Patients After Cardiac Arrest:, 2163
Solitary Tract Nuclei in Acute Heart Failure, 1187
Heart septal defects, atrial
Significant Association of Atrial Vulnerability With Atrial Septal Abnormalities in Young Patients With Ischemic Stroke of Unknown Cause, 398
Heart valve diseases
Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease: A Population-Based Study, 2628
Heat-shock proteins
Frequencies of Certain Complement Protein Alleles and Serum Levels of Anti-Heat-Shock Protein Antibodies in Cerebrovascular Diseases, 2648
Hematoma
Decreased Perihematomal Edema in Thrombolysis-Related Intracerebral Hemorrhage Compared With Spontaneous Intracerebral Hemorrhage, 596
Intracortical Hemorrhage Injury in Rats: Relationship Between Blood Fractions and Brain Cell Death, 1721. Editorial comment, 1727.
Hemiplegia
Effect of Triamcinolone Acetonide Injections on Hemiplegic Shoulder Pain: A Randomized Clinical Trial, 2396
Repetitive Bilateral Arm Training With Rhythmic Auditory Cueing Improves Motor Function in Chronic Hemiparetic Stroke, 2390
Hemochromatosis
Serum Ferritin and C282Y Mutation of the Hemochromatosis Gene as Predictors of Asymptomatic Carotid Atherosclerosis in a Community Population, 3015
Hemodynamics
Collateral Configuration of the Circle of Willis: Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy, 1346
Collateral Variations in Circle of Willis in Atherosclerotic Population Assessed by Means of Transcranial Color-Coded Duplex Ultrasonography, 1656
Early Alterations in Cerebral Hemodynamics, Brain Metabolism, and Blood-Brain Barrier Permeability in Experimental Intracerebral Hemorrhage, abstract, 995
Experimental Radiosurgery Simulations Using a Theoretical Model of Cerebral Arteriovenous Malformations, 2466. Editorial comment, 2477
Improved Efficiency of Hypervolemic Therapy With Inhibition of Natriuresis by Fludrocortisone in Patients With Aneurysmal Subarachnoid Hemorrhage, abstract, 993
Inapparent Hemodynamic Insufficiency Exacerbates Ischemic Damage in a Rat Microembolic Stroke Model, 2494. Editorial comment, 2499
Hemoglobin
Cell Death After Exposure to Subarachnoid Hemolysate Correlates Inversely With Expression of CuZn-Superoxide Dismutase, 2450. Editorial comment, 2458
Thrombin Reduces Cerebral Arterial Contractions Caused by Cerebrospinal Fluid From Patients With Subarachnoid Hemorrhage, 2149
Hemorrhage
Extraparenchymal Bleeding Predicts an Unfavorable Outcome in Patients With Hemorrhagic Transformation, letter, 1785. Response, 1785
Prediction of Functional Outcome and In-Hospital Mortality After Admission With Oral Anticoagulant-Related Intracerebral Hemorrhage, 2558
Results in 95 Hemorrhagic Stroke Patients Included in CLASS, a Controlled Trial of Clomethiazole Versus Placebo in Acute Stroke Patients, 82
Stroke and Pregnancy, 2948
Hemosiderin
Frequency and Location of Microbleeds in Patients With Primary Intracerebral Hemorrhage, 2665
Hemostasis
The Effect of Acute Ingestion of a Large Dose of Alcohol on the Hemostatic System and Its Circadian Variation, 1269
Hemostatic Markers in Patients at Risk of Cerebral Ischemia, 1856
Prospective Study of Markers of Hemostatic Function With Risk of Ischemic Stroke, abstract, 241
Hemostatics
Effects of Fixed Low-Dose Warfarin, Aspirin-Warfarin Combination Therapy, and Dose-Adjusted Warfarin on Thrombogenesis in Chronic Atrial Fibrillation, 828
Heparin
Low-Molecular-Weight Heparins and Heparinoids in Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials, 1770
Neurologic Complications in Immune-Medicated Heparin-Induced Thrombocytopenia, abstract, 1796
Safety and Cost of Low-Molecular-Weight Heparin as Bridging Anticoagulant Therapy in Subacute Cerebral Ischemia, 2563
Safety and Efficacy of Fixed-Dose Heparin in Carotid Endarterectomy, abstract, 246

Hereditary disease
Clinical Features of Intracranial Aneurysms in Siblings, abstract, 2528
Ethnicity in Stroke: Practical Implications, 2732. Response, 2732
Prevalence of Symptomatic Intracranial Aneurysm and Ischemic Stroke in Pseudoxanthoma Elasticum, abstract, 2734
Hippocampus
Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181
The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus, 1162. Editorial comment, 1172
Histology
Cognitive Deficits After Focal Cerebral Ischemia in Mice, 1939. Editorial comment, 1944
Ultrastructural Pathological Features of Cerebrovascular Malformations: A Preliminary Report, abstract, 2534
HMG-CoA reductase inhibitors
Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice, 2442. Editorial comment, 2448
Homocyst(e)ine
Association Between High Homocyst(e)ine and Ischemic Stroke due to Large- and Small-Artery Disease but Not Other Etiologic Subtypes of Ischemic Stroke, 1069
Elevated Serum Levels of Methylmalonic Acid and Homocysteine in Elderly People: A Population-Based Intervention Study, abstract, 1204
Folic Acid Inhibits Homocysteine-Induced Proliferation of Human Arterial Smooth Muscle Cells, abstract, 996
Oxidative Stress in the Context of Acute Cerebrovascular Stroke, 1889
Homocysteine
Impairment of Cerebrovascular Reactivity by Methionine-Induced Hyperhomocysteinemia and Amelioration by Quinapril Treatment, 2907
Hormones
The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus, 1162. Editorial comment, 1172
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046
Hospitalization
Randomized Controlled Trial of Integrated (Managed) Care Pathway for Stroke Rehabilitation, 1929
Hydrocephalus
Chronic Hydrocephalus in Elderly Patients Following Subarachnoid Hemorrhage, abstract, 2029
Factors Associated With Hydrocephalus After Aneurysmal Subarachnoid Hemorrhage, abstract, 801
Hydrocephalus Is a Determinant of Early Mortality in Putaminal Hemorrhage, 2157
Hydrogen-ion concentration
Extracellular pH, Ca^{2+} Influx, and Response of Vascular Smooth Muscle Cells to 5-Hydroxytryptamine, 2500. Editorial comment, 2507
Hypercholesterolemia
Evidence That High-Density Lipoprotein Cholesterol Is an Independent Predictor of Acute Platelet-Dependent Thrombus Formation, abstract, 803
In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975
Hyperglycemia
Hyperglycemia and Extracellular Glutamate in the Ischemic Brain. Letter to the Editor, 1462. Response, 1462
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Initial Hyperglycemia as an Indicator of Severity of the Ictus in Poor-Grade Patients With Spontaneous Subarachnoid Hemorrhage, abstract, 2734
Hypertension
Angiotensin II AT_1 Blockade Normalizes Cerebrovascular Autoregulation and Reduces Cerebral Ischemia in Spontaneously Hypertensive Rats, 2478. Editorial comment, 2485
Antithrombotic and Antihypertensive Management 3 Months After Ischemic Stroke: A Prospective Study in an Inner City Population, 469
Assessment of Lacunar Hemorrhage Associated With Hypertensive Stroke by Echo-Planar Gradient-Echo T2*-Weighted MRI, 1646
Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415
Brain Stem Stroke Causing Baroreflex Failure and Paroxysmal Hypertension, 1997
Control of Blood Pressure and Risk of Stroke Among Pharmacologically Treated Hypertensive Patients, 420
Differing Temporal Patterns of Onset in Subgroups of Patients With Intracerebral Hemorrhage, 1538
Effect of the Apolipoprotein E ε4 Allele on White Matter Hyperintensities in Dementia, 1263
Effect of Treating Isolated Systolic Hypertension on the Risk of Developing Various Types and Subtypes of Stroke: The Systolic Hypertension in the Elderly Program (SHEP), abstract, 2739
Genetic Predisposition to Stroke in Relatives of Hypertensives, 487
Geographic Variation in Stroke Risk in the United States: Region, Urbanization, and Hypertension in the Third National Health and Nutrition Examination Survey, 19
Hypokalemia Associated With Diuretic Use and Cardiovascular Events in the Systolic Hypertension in the Elderly Program, abstract, 2531
Impaired Endothelial Function in Transgenic Mice Expressing Both Human Renin and Human Angiotensinogen, 760. Editorial comment, 765
Management of Resistant Hypertension in Patients With Carotid Stenosis: High Prevalence of Renovascular Hypertension, abstract, 2735
Prevalence of Renal Artery Stenosis in Autopsy Patients With Stroke, 61
Rate of Stroke Recurrence in Patients With Primary Intracerebral Hemorrhage, 123
Relation of Low Body Mass to Death and Stroke in the Systolic Hypertension in the Elderly Program, abstract, 1792
Risk Factors for Multiple Intracranial Aneurysms, 392
Risk of Stroke in Relation to Level of Blood Pressure and Other Risk Factors in Treated Hypertensive Patients, 48
The Role of MRI in Screening For Neurogenic Hypertension, abstract, 1795
Stiffness of Carotid Artery Wall Material and Blood Pressure in Humans: Application to Antihypertensive Therapy and Stroke Prevention, 782
Stress-Related Primary Intracerebral Hemorrhage: Autopsy Clues to Underlying Mechanism, 1426
Hyperthermia
Incidence and Prognostic Significance of Fever Following Intracerebral Hemorrhage, abstract, 1201
Hypoglycemia
Factors Influencing the Frequency of Fluorescence Transients as Markers of Peri-Infarct Depolarizations in Focal Cerebral Ischemia, 214. Editorial comment, 221
Hyponatremia
Brain Natriuretic Peptide and Cerebral Vasospasm in Subarachnoid Hemorrhage: Clinical and TCD Correlations, 118
High Incidence of Hyponatremia in Patients With Ruptured Anterior Communicating Artery Aneurysms, abstract, 2029
Hypoperfusion
Cerebral Dynamics of Autoregulation and Hypoperfusion, letter, 795. Response, 796
Hypotension
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study, 508
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study. Editorial comment, 514

Postprocedural Hypotension After Carotid Artery Stent Placement: Predictors and Short- and Long-Term Clinical Outcomes, abstract, 2534

Hypotension, orthostatic

Cerebral Oxygenation Declines in Healthy Elderly Subjects in Response to Assuming the Upright Position, 1615

Dynamic Regulation of Middle Cerebral Artery Blood Flow Velocity in Aging and Hypertension, 1897

MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis, 1672

Orthostatic Hypotension as a Risk Factor for Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, 1987-1996, 2307

Orthostatic Tolerance, Cerebral Oxygenation, and Blood Velocity in Humans With Sympathetic Failure, 1608

Hypothermia

Biphasic Opening of the Blood-Brain Barrier Following Transient Focal Ischemia: Effects of Hypothermia, abstract, 803

Coupling of Cerebral Blood Flow and Oxygen Metabolism in Infant Pigs During Selective Brain Hypothermia, abstract, 3087

The Effect of Mild Hypothermia, Mannitol, and Insulin-Induced Hypoglycaemia on Ischaemic Infarct Volume in the Early Period After Permanent Middle Cerebral Artery Occlusion in the Rat, abstract, 552

Effects of Delayed Intraischemic and Postischemic Hypothermia on a Focal Model of Transient Cerebral Ischemia in Rats, 1982. Editorial comment, 1989

Feasibility and Safety of Inducing Modest Hypothermia in Awake Patients With Acute Stroke Through Surface Cooling: A Case-Control Study: The Copenhagen Stroke Study, 2251

Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401

Mild Resuscitative Hypothermia to Improve Neurological Outcome After Cardiac Arrest: A Clinical Feasibility Trial, 86

Hypoxia

^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699

Hypercarbia and Mild Hypothermia; Only When Not Combined; Improve Postischemic Bioenergetic Recovery in Neonatal Rat Brain Slices, abstract, 1794

I

Image processing, computer assisted

An Objective Characterization of Atherosclerotic Lesion: An Alternative Method to Identify Unstable Plaque, 1921

Immunohistochemistry

Analysis of Endoglin Expression in Normal Brain Tissue and in Cerebral Arteriovenous Malformations, 2653

Inflammation and Intracranial Aneurysms, abstract, 800

In situ nick-end labeling

Intracortical Hemorrhage Injury in Rats: Relationship Between Blood Fractions and Brain Cell Death, 1721. Editorial comment, 1727.

Incidence

Controlled Trial of α-Tocopherol and β-Carotene Supplements on Stroke Incidence and Mortality in Male Smokers, abstract, 1472

Epidemiology of Aneurysmal Subarachnoid Hemorrhage in Australia and New Zealand: Incidence and Case Fatality From the Australasian Cooperative Research on Subarachnoid Hemorrhage Study (ACROSS), 1843

Increased Stroke Incidence in Lund-Orup, Sweden, Between 1983 to 1985 and 1993 to 1995, 481

A Multinational Comparison of Subarachnoid Hemorrhage Epidemiology in the WHO MONICA Stroke Study, 1054

A Population-Based Study of Transient Ischemic Attack Incidence in Novosibirsk, Russia, 1987–1988 and 1996–1997, 9

Stroke Incidence on the East Coast of Australia: The North East Melbourne Stroke Incidence Study (NEMESIS), 2087

Trends in Stroke Incidence and Acute Case Fatality in a Japanese Rural Area: The Oyabe Study, 1583

Variations in Stroke Incidence and Survival in 3 Areas of Europe, 2074

Infant, newborn

Evolution of Brain Injury After Transient Middle Cerebral Artery Occlusion in Neonatal Rats, 1752. Editorial comment, 1761

Infarction

Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701

Infection

Are Morphological or Functional Changes in the Carotid Artery Wall Associated With Chlamydia pneumoniae, Helicobacter pylori, Cytomegalovirus, or Herpes Simplex Virus Infection? 2127

Chlamydia pneumoniae and the Risk of First Ischemic Stroke: The Northern Manhattan Stroke Study, 1521

Chlamydia pneumoniae Does Not Influence Atherosclerotic Plaque Behavior in Patients With Established Carotid Artery Stenosis, 2930

Chlamydia Pneumoniae Infection and Early Asymptomatic Carotid Atherosclerosis, abstract, 243

Chlamydia pneumoniae Infection and PFO-Associated Ischemic Stroke, letter, 2519. Response, 2520

Lack of Association Between Seropositivity to *Chlamydia Pneumoniae* and Carotid Atherosclerosis, abstract, 551

Medical Complications After Stroke: A Multicenter Study, 1223

Inflammation

Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury, 193. Editorial comment, 199

Hydroxyethyl Starch Reduces Leukocyte Adherence and Vascular Injury in the Newborn Pig Cerebral Circulation After Asphyxia, 2218. Editorial comment, 2223

Intracortical Hemorrhage Injury in Rats : Relationship Between Blood Fractions and Brain Cell Death, 1721. Editorial comment, 1727

Lack of Interleukin-6 Expression Is Not Protective Against Focal Central Nervous System Ischemia, 1715. Editorial comment, 1720

Insulin

High Proinsulin Levels Precede First-Ever Stroke in a Nondiabetic Population, 2936

Hyperinsulinemia and the Risk of Cardiovascular Death and Acute Coronary and Cerebrovascular Events in Men: The Kuopio Ischaemic Heart Disease Risk Factor Study, abstract, 2281

Insulin resistance

Insulin Resistance Syndrome Predicts the Risk of Coronary Heart Disease and Stroke in Healthy Middle-Aged Men: The 22-Year Follow-up Results of the Helsinki Policemen Study, abstract, 1469

Integrins

Integrin $\alpha_{IIb}\beta_3$ Inhibitor Preserves Microvascular Patency in Experimental Acute Focal Cerebral Ischemia, 1402. Editorial comment, 1409

Intercellular adhesion molecule-1

Effects of Delayed Intraischemic and Postischemic Hypothermia on a Focal Model of Transient Cerebral Ischemia in Rats, 1982. Editorial comment, 1989

Hypertonic Mannitol Loading of NF-κB Transcription Factor Decoys in Human Brain Microvascular Endothelial Cells Blocks Upregulation of ICAM-1, 1179. Editorial comment, 1186

Interleukins

Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742

Lack of Interleukin-6 Expression Is Not Protective Against Focal Central Nervous System Ischemia, 1715

Proinflammatory Cytokines and Early Neurological Worsening in Ischemic Stroke, 2325

Intima-media thickness

Carotid Artery Intima-Media Thickness Measured by Ultrasonography in Normal Clinical Practice Correlates Well With Atherosclerosis Risk Factors, 2426

Reproducibility Validation Study Comparing Analog and Digital Imaging Technologies for the Measurement of Intima-Media Thickness, 1104

Intracerebral hemorrhage

Amyloid β-Protein Length and Cerebral Amyloid Angiopathy-Related Haemorrhage, abstract, 2032

Antithrombin Therapy for Intracerebral Hemorrhage, letter, 794. Response, 795

Aspirin-Associated Intracerebral Hemorrhage: Clinical and Radiologic Features, abstract, 2530
Bleeding Risk of Cerebrovascular Malformations in Hereditary Hemorrhagic Telangiectasia, abstract, 2285
Complement Activation in the Brain After Experimental Intracerebral Hemorrhage, abstract, 2737
Demographic, Morphological, and Clinical Characteristics of 1289 Patients With Brain Arteriovenous Malformation, 1307
Differing Temporal Patterns of Onset in Subgroups of Patients With Intracerebral Hemorrhage, 1538
Diffusion-Weighted MRI and Proton MR Spectroscopic Imaging in the Study of Secondary Neuronal Injury After Intracerebral Hemorrhage, 726
Early Alterations in Cerebral Hemodynamics, Brain Metabolism, and Blood-Brain Barrier Permeability in Experimental Intracerebral Hemorrhage, abstract, 995
Experimental Radiosurgery Simulations Using a Theoretical Model of Cerebral Arteriovenous Malformations, 2466. Editorial comment, 2477
Frequency and Location of Microbleeds in Patients With Primary Intracerebral Hemorrhage, 2665
Hemorrhage Detected Using MR Imaging in the Setting of Acute Stroke: An In Vivo Model, abstract, 996
Hemorrhagic Lacunar Stroke, abstract, 2281
Heritability of Intracerebral Hemorrhagic Lesions and Cerebral Aneurysms in the Rat, 2678. Editorial comment, 2684
Incidence and Prognostic Significance of Fever Following Intracerebral Hemorrhage, abstract, 1201
Intracranial Hemorrhage Associated With Thrombolytic Therapy for Elderly Patients With Acute Myocardial Infarction: Results From the Cooperative Cardiovascular Project, 1802
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
MR Imaging of Experimentally Induced Intracranial Hemorrhage in Rabbits During the First 6 Hours, abstract, 244
MRI of Acute Experimental Intracerebral Hematoma, abstract, 3088
Pure Sensory Stroke Caused by a Cerebral Hemorrhage: Clinical-Radiologic Correlations in Seven Patients, abstract, 2032
Rate of Stroke Recurrence in Patients With Primary Intracerebral Hemorrhage, 123
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Stress-Related Primary Intracerebral Hemorrhage: Autopsy Clues to Underlying Mechanism, 1426
Surgery for Intracerebral Hemorrhage, letter, 791. Response, 791
Surgery in Intracerebral Hemorrhage: The Uncertainty Continues, 2511
Time Window for Clinical Effectiveness of Mass Evacuation in a Rat Balloon Model Mimicking an Intraparenchymatous Hematoma, abstract, 2032
Use of Factor IX Complex in Warfarin-Related Intracranial Hemorrhage, abstract, 805
Utility of Magnetic Resonance Imaging in Acute Intracerebral Hemorrhage, abstract, 2033

Intracranial pressure

The Impact of Raised Intracranial Pressure on Cerebral Venous Hemodynamics: A Prospective Venous Transcranial Doppler Ultrasonography Study, abstract, 805
Is Cerebral Perfusion Pressure a Major Determinant of Cerebral Blood Flow During Head Elevation in Comatose Patients With Severe Intracranial Lesions? abstract, 2034

Intraventricular hemorrhage

Results of Early Surgical Evacuation of Packed Intraventricular Hemorrhage From Aneurysm Rupture in Patients With Poor-Grade Subarachnoid Hemorrhage, abstract, 241
Treatment of Intraventricular Hemorrhage With Urokinase: Effects on 30-Day Survival, 841

Iron

Body Iron Stores and Early Neurologic Deterioration in Acute Cerebral Infarction, abstract, 2030

Irrigation

Urokinase Cisternal Irrigation Therapy for Prevention of Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Study of Urokinase Concentration and the Fibrinolytic System, 1256

Ischemia

Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels. Editorial comment, 525
Cyclin D1 and Cdk4 Protein Induction in Motor Neurons After Transient Spinal Cord Ischemia in Rabbits, 200. Editorial comment, 207
Dehydroepiandrosterone Sulfate Is Neuroprotective in a Reversible Spinal Cord Ischemia Model: Possible Involvement of GA_A Receptors, 1953. Editorial comment, 1957
Estradiol Exerts Neuroprotective Effects When Administered After Ischemic Insult, 745. Editorial comment, 749
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Intrathecal Sodium Nitroprusside Improves Cerebral Blood Flow and Oxygenation in Refractory Cerebral Vasospasm and Ischemia in Humans. Letter to the Editor, 1195. Response, 1196
Is Pharmacological Neuroprotection Dependent on Reduced Glutamate Release? 766. Editorial comment, 773
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
Postischemic Attenuation of Cerebral Artery Reactivity Is Increased in the Presence of Tissue Plasminogen Activator, 940
Presence of Tissue Plasminogen Activator. Editorial comment, 945
Spinal Cord Ischemia: Development of a Model in the Mouse, 208. Editorial comment, 213

Ischemia, focal

Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701

J

Japan

Age-Dependent Association of Apolipoprotein E Genotypes With Stroke Subtypes in a Japanese Rural Population, 1299
Serum Vitamin C Concentration Was Inversely Associated With Subsequent 20-Year Incidence of Stroke in a Japanese Rural Community: The Shibata Study, 2287
Trends in Stroke Incidence and Acute Case Fatality in a Japanese Rural Area: The Oyabe Study, 1583

K

Knowledge, attitudes, practice

Stroke Knowledge Among Stroke Support Group Members, 1230

L

Lacunar infarction

Assessment of Lacunar Hemorrhage Associated With Hypertensive Stroke by Echo-Planar Gradient-Echo T2*-Weighted MRI, 1646
Association Between the Glu298Asp Polymorphism in the Endothelial Constitutive Nitric Oxide Synthase Gene and Brain Infarction, 1634
Corpus Callosum Atrophy in Patients With Leukoaraiosis May Indicate Global Cognitive Impairment, 1515
Differences in Stroke Subtypes Among Natives and Caucasians in Boston and Buenos Aires, 2385
Diffusion-Weighted Magnetic Resonance Imaging Identifies the "Clinically Relevant" Small-Penetrator Infarcts, abstract, 2735
Early Lacunar Strokes Complicating Polyarteritis Nodosa: Thrombotic Microangiopathy, abstract, 1469
Effect of the Apolipoprotein E ε4 Allele on White Matter Hyperintensities in Dementia, 1263

Evolution of Cortical Activation During Recovery From Corticospinal Tract Infarction, 656
Incidence and Risk Factors for Subtypes of Cerebral Infarction in a General Population: The Hisayama Study, 2616
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
Lacunar Infarcts in Patients Aged 85 Years and Older, abstract, 1200
Mechanisms of Dysphagia in Suprabulbar Palsy With Lacunar Infarct, 1370
Risk Factors and Outcome of Patients With Carotid Artery Stenosis Presenting With Lacunar Stroke, abstract, 1205
Should Computed Tomography Appearance of Lacunar Stroke Influence Patient Management? Abstract, 803
Stress-Related Primary Intracerebral Hemorrhage: Autopsy Clues to Underlying Mechanism, 1426

Lateral medullary syndrome
Brain Stem Stroke Causing Baroreflex Failure and Paroxysmal Hypertension, 1997
Restricted Dissociated Sensory Loss in a Patient With a Lateral Medullary Syndrome: A Clinical-MRI Study, 3064

Leukoaraiosis
Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly, 425
Cerebral Hemodynamics in CADASIL Before and After Acetazolamide Challenge Assessed With MRI Bolus Tracking, 1904
Does Leukoaraiosis Predict Morbidity and Mortality? Abstract, 997
Extent of Cerebral White Matter Lesions Is Related to Changes of Circadian Blood Pressure Rhythmicity, abstract, 3085
How Complex Interactions of Ischemic Brain Infarcts: White Matter Lesions: and Atrophy Relate to Poststroke Dementia, abstract, 3085
Relationship of Family History Scores For Stroke and Hypertension to Quantitative Measures of White-Matter Hyperintensities and Stroke Volume in Elderly Males, abstract, 1795
What Is the Significance of Leukoaraiosis in Patients With Acute Ischemic Stroke? Abstract, 2738

Leukocytes
Acute Ischemic Stroke: Polymorphonuclear Leukocyte Membrane Fluidity and Cytosolic Ca^{2+} Concentration at Baseline and After Chemotactic Activation, 1578
Hydroxyethyl Starch Reduces Leukocyte Adherence and Vascular Injury in the Newborn Pig Cerebral Circulation After Asphyxia, 2218. Editorial comment, 2223
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161
Leukocyte Activation: Relation to Cardiovascular Mortality After Cerebrovascular Ischemia, abstract, 1793
The Symptomatic Carotid Plaque, 774

Leukoencephalopathy
Vascular Cell Components of the Medullary Arteries in Binswanger's Disease Brains: A Morphometric and Immunoelectron Microscopic Study, 1838

Lifestyle
Behavioral Risk Factor Prevalence and Lifestyle Change After Stroke: A Prospective Study, 1877

Ligands
σ_1-Receptor Ligand 4-Phenyl-1-(4-Phenylbutyl)-Piperidine Affords Neuroprotection From Focal Ischemia With Prolonged Reperfusion, 976. Editorial comment, 982
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366

Linkage (genetics)
Verifying the Stroke-Free Phenotype by Structured Telephone Interview, 1076

Lipid Peroxidation
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels. Editorial comment, 525

Lipids
Effect of Lovastatin on Cerebral Circulation in Spontaneously Hypertensive Rats, abstract, 2531
Efficacy of 3-Hydroxy-3-Methyglutaryl Coenzyme A Reductase Inhibitors For Prevention of Stroke, abstract, 1204

Lipopolysaccharides
Pharmacological Preconditioning With Lipopolysaccharide in the Brain, letter, 1465. Response, 1465
Polymorphism in the Promoter of Lipopolysaccharide Receptor CD14 and Ischemic Cerebrovascular Disease, 2661

Lipoproteins
A Common Mutation in Lipoprotein Lipase Confers a 2-Fold Increase in Risk of Ischemic Cerebrovascular Disease in Women But Not in Men, abstract, 2531
Lipoprotein(a) and the Risk of Stroke, 1194
Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437

Lipoproteins, HDL cholesterol
HDL-Cholesterol, Total Cholesterol, and the Risk of Stroke in Middle-Aged British Men, 1882

Longitudinal studies
Stroke and Apolipoprotein E ϵ4 Are Independent Risk Factors for Cognitive Decline: A Population-Based Study, 2431

Lubeluzole
Lubeluzole in Acute Ischemic Stroke Treatment: A Double-Blind Study With an 8-Hour Inclusion Window Comparing a 10-mg Daily Dose of Lubeluzole With Placebo, 2543

Lupus erythematosus, systemic
Brain MRI in Patients With Past Lupus-Associated Chorea, 3080

Lymphocytes
Intracortical Hemorrhage Injury in Rats : Relationship Between Blood Fractions and Brain Cell Death, 1721. Editorial comment, 1727.

M

Macrophages
Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742

Magnetic resonance imaging
Advantages of Adding Diffusion-Weighted Magnetic Resonance Imaging to Conventional Magnetic Resonance Imaging for Evaluating Acute Stroke, abstract, 3087
Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly, 425
Assessment of Lacunar Hemorrhage Associated With Hypertensive Stroke by Echo-Planar Gradient-Echo T2*-Weighted MRI, 1646
Atherothrombotic Middle Cerebral Artery Territory Infarction: Topographic Diversity With Common Occurrence of Concomitant Small Cortical and Subcortical Infarcts, 2055
Brain MRI in Patients With Past Lupus-Associated Chorea, 3080
Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking After Acute Stroke in Pigs: Comparison With [^{15}O]H_2O Positron Emission Tomography, 1958. Editorial comment, 1964
Cerebral Hemodynamics in CADASIL Before and After Acetazolamide Challenge Assessed With MRI Bolus Tracking, 1904
CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243
A Comparison of Fast Spin-Echo, Fluid-Attenuated Inversion-Recovery, and Diffusion-Weighted MR Imaging in the First 10 Days After Cerebral Infarction, abstract, 553
Comprehensive MR Imaging Protocol for Stroke Management: Tissue Sodium Concentration as a Measure of Tissue Viability in Nonhuman Primate Studies and in Clinical Studies, abstract, 554
Corpus Callosum Atrophy in Patients With Leukoaraiosis May Indicate Global Cognitive Impairment, 1515
Delayed Ischemic Hyperintensity of T1-Weighted MRI, letter, 797. Response, 797
Diffusion- and Perfusion-Weighted MRI: Influence of Severe Carotid Artery Stenosis on the DWI/PWI Mismatch in Acute Stroke, 1311
Diffusion-Weighted Magnetic Resonance Imaging Identifies the "Clinically Relevant" Small-Penetrator Infarcts, abstract, 2735
Diffusion-Weighted Magnetic Resonance Imaging in Brain Death, 539
Effects of Fluid Management on Edema Volume and Midline Shift in a Rat Model of Ischemic Stroke, 1702. Editorial comment, 1708

Evolution of Cortical Activation During Recovery From Corticospinal Tract Infarction, 656
Familial Form of Intracranial Cavernous Angioma: MR Imaging Findings in 51 Families, abstract, 1203
Frequency and Location of Microbleeds in Patients With Primary Intracerebral Hemorrhage, 2665
Hemorrhage Detected Using MR Imaging in the Setting of Acute Stroke: An In Vivo Model, abstract, 996
Human Acute Cerebral Ischemia: Detection of Changes in Water Diffusion Anisotropy by Using MR Imaging, abstract, 244
In Vivo Magnetic Resonance Evaluation of Atherosclerotic Plaques in *the Human Thoracic Aorta: A Comparison With Transesophageal* Echocardiography, abstract, 2532
Longitudinal Magnetic Resonance Imaging Study of Perfusion and Diffusion in Stroke: Evolution of Lesion Volume and Correlation With Clinical Outcome, abstract, 553
Magnetic Resonance Perfusion Imaging in Acute Ischemic Stroke Using Continuous Arterial Spin Labeling, 680
Memory Impairment in Out-of-Hospital Cardiac Arrest Survivors Is Associated With Global Reduction in Brain Volume, Not Focal *Hippocampal Injury*, 1509
MR Angiography of Moyamoya Disease Before and After Encephaloduroarteriosynangiosis, abstract, 997
MR Blood Oxygenation Level–Dependent Signal Differences in Parenchymal and Large Draining Vessels: Implications For Functional MR Imaging, abstract, 996
MR Imaging of Experimentally Induced Intracranial Hemorrhage in Rabbits During the First 6 Hours, abstract, 244
MRI of Acute Experimental Intracerebral Hematoma, abstract, 3088
MRI Pontine Hyperintensity After Supratentorial Ischemic Stroke Relates to Poor Clinical Outcome, 695
Multiple Brain Infarcts: Clinical and Neuroimaging Patterns Using Diffusion-Weighted Magnetic Resonance, abstract, 244
N-Acetylaspartate Distribution in Proton Spectroscopic Images of Ischemic Stroke: Relationship to Infarct Appearance on T2-Weighted Magnetic Resonance Imaging, 3008
Neuroanatomic and Functional Correlates of Depressed Mood: The Cardiovascular Health Study, abstract, 802
Neuroimaging in Deteriorating Patients With Cerebellar Infarcts and Mass Effect, 2062
Physiologic Variations in Dural Venous Sinus Flow on Phase-Contrast MR Imaging, abstract, 2532
A Pilot Study of Somatotopic Mapping After Cortical Infarct, 668
Postoperative Brainstem High Intensity Is Correlated With Poor Outcomes for Patients With Spontaneous Cerebellar Hemorrhage, abstract, 994
Prediction of Malignant Middle Cerebral Artery Infarction by Diffusion-Weighted Imaging, 2175
Radiological Diagnosis of Acute Stroke: Comparison of Conventional MR Imaging, Echo-Planar Diffusion-Weighted Imaging, and Spin-Echo Diffusion-Weighted Imaging, abstract, 244
Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways, 672
The Relationship Between the Apparent Diffusion Coefficient Measured by Magnetic Resonance Imaging; Anoxic Depolarization; and Glutamate Efflux During Experimental Cerebral Ischemia, abstract, 1470
The Role of MRI in Screening For Neurogenic Hypertension, abstract, 1795
Secondary Decline in Apparent Diffusion Coefficient and Neurological Outcomes After a Short Period of Focal Brain Ischemia in Rats, abstract, 3087
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973
Surgical Decision Making for Carotid Endarterectomy and Contemporary Magnetic Resonance Angiography, abstract, 555
Temporal Evolution of Average Apparent Diffusion Coefficient Threshold to Define Ischemic Abnormalities in a Rat Permanent Occlusion Model, abstract, 1202
Temporal Evolution of Ischemic Injury Evaluated With Diffusion-; Perfusion-; and T2-Weighted MRI, abstract, 1471
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology, 946. Editorial comment 953
Unilateral Leptomeningeal Enhancement After Carotid Stent Insertion Detected by Magnetic Resonance Imaging, 848
*Utility of Magnetic Resonance Imaging in Acute Intracerebral Hem*orrhage, abstract, 2033
Vasodilatory Response of Border Zones to Acetazolamide Before and After Endarterectomy: An Echo Planar Imaging–Dynamic Susceptibility Contrast-Enhanced MRI Study in Patients With High-Grade Unilateral Internal Carotid Artery Stenosis, 1561

Magnetic resonance imaging, diffusion-weighted

Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia. Editorial comment, 1392
Combined Diffusion-Weighted and Perfusion-Weighted Flow Heterogeneity Magnetic Resonance Imaging in Acute Stroke, 1097
Diffusion- and Perfusion-Weighted MRI: Influence of Severe Carotid Artery Stenosis on the DWI/PWI Mismatch in Acute Stroke, 1311
Diffusion- and Perfusion-Weighted MRI Patterns in Borderzone Infarcts, *1090*
Diffusion-Weighted Magnetic Resonance Imaging in Brain Death, 539, letter, 1458, 1459. Response, 1459
Diffusion-Weighted MRI and Proton MR Spectroscopic Imaging in the Study of Secondary Neuronal Injury After Intracerebral Hemorrhage, 726
Disturbed Diffusion and X-Ray Hypoattenuation in Acute Stroke. Letter to the Editor, 232. Response, 233
Evolution of Brain Injury After Transient Middle Cerebral Artery Occlusion in Neonatal Rats, 1752. Editorial comment, 1761
Failure to Demonstrate Peri-Infarct Depolarizations by Repetitive MR Diffusion Imaging in Acute Human Stroke, 2901
Impact on Stroke Subtype Diagnosis of Early Diffusion-Weighted Magnetic Resonance Imaging and Magnetic Resonance Angiography, 1081
Is Early Ischemic Lesion Volume on Diffusion-Weighted Imaging an Independent Predictor of Stroke Outcome? A Multivariable Analysis, 2597
Late Resolution of Diffusion-Weighted MRI Changes in a Patient With Prolonged Reversible Ischemic Neurological Deficit After Thrombolytic Therapy, 2715
Monitoring Intravenous Recombinant Tissue Plasminogen Activator Thrombolysis for Acute Ischemic Stroke With Diffusion and Perfusion MRI, 1318
Relationship Between Apparent Diffusion Coefficient and Subsequent Hemorrhagic Transformation Following Acute Ischemic Stroke, 2378
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 688
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 2270. Response, 2271
Silent Cerebral Ischemia Detected by Diffusion-Weighted MRI After Carotid Endarterectomy, 1824
Systematic Review of Diffusion and Perfusion Imaging in Acute Ischemic Stroke, 2723

Magnetic resonance imaging, perfusion-weighted

Combined Diffusion-Weighted and Perfusion-Weighted Flow Heterogeneity Magnetic Resonance Imaging in Acute Stroke, 1097
Diffusion- and Perfusion-Weighted MRI Patterns in Borderzone Infarcts, 1090
Monitoring Intravenous Recombinant Tissue Plasminogen Activator Thrombolysis for Acute Ischemic Stroke With Diffusion and Perfusion MRI, 1318
Systematic Review of Diffusion and Perfusion Imaging in Acute Ischemic Stroke, 2723

Mannitol

Cochrane Report: A Systematic Review of Mannitol Therapy for Acute Ischemic Stroke and Cerebral Parenchymal Hemorrhage, 2719
Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701

Medical management
Influence of Raised Plasma Osmolality on Clinical Outcome After *Acute Stroke*, 2043
Surgery for Intracerebral Hemorrhage, letter, 791. Response, 791
Medulla oblongata
Restricted Dissociated Sensory Loss in a Patient With a Lateral Medullary Syndrome: A Clinical-MRI Study, 3064
Membrane potentials
Electromechanical Alterations in the Cerebrovasculature of Stroke-*Prone Rats*, 751. Editorial comment, 758
Membranes
*Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasmin*ogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
Memory
Memory Impairment in Out-of-Hospital Cardiac Arrest Survivors Is Associated With Global Reduction in Brain Volume, Not Focal Hippocampal Injury, 1509
Meningitis
Effect of Short-Term Hyperventilation on Cerebral Blood Flow Autoregulation in Patients With Acute Bacterial *Meningitis*, 1116
Menopause
Neuroprotective Effects of Female Gonadal Steroids in Reproductively Senescent Female Rats, 161. Editorial comment, 167
Stroke in Estrogen Receptor-α–Deficient Mice, 738. Editorial comment, 744
Mental processes
Treatment-Induced Cortical Reorganization After Stroke in Humans, 1210
Meta-analysis
Effects of Poststroke Pyrexia on Stroke Outcome: A Meta-Analysis of Studies in Patients, 410
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis: The Thrombolysis in Acute Stroke Pooling Project, 1555
Surgery in Intracerebral Hemorrhage: The Uncertainty Continues, 2511
Thienopyridines or Aspirin to Prevent Stroke and Other Serious Vascular Events in Patients at High Risk of Vascular Disease? A Systematic Review of the Evidence From Randomized Trials, 1779
Trials of Thrombolysis in Acute Ischemic Stroke: Does the Choice of Primary Outcome Measure Really Matter? 1133
Metalloproteinases
Increased Matrix Metalloproteinase-9 Activity in Unstable Carotid Plaques: A Potential Role in Acute Plaque Disruption, 40
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia, 1974. Editorial comment, 1981
***N*-Methyl-D-aspartate**
The *N*-Methyl-D-Aspartate Antagonist CNS 1102 Protects Cerebral Gray and White Matter From Ischemic Injury Following Temporary Focal Ischemia in Rats, 1709. Editorial comment, 1714
Protective Effects of Memantine Against Ischemia-Reperfusion Injury in Spontaneously Hypertensive Rats, abstract, 1202
Mice
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713
Postischemic Cerebrovascular E-Selectin Expression Mediates Tissue Injury in Murine Stroke, 3047. Editorial comment, 3053
Spinal Cord Ischemia: Development of a Model in the Mouse, 208. Editorial comment, 213
Mice, knockout
Lack of Interleukin-6 Expression Is Not Protective Against Focal Central Nervous System Ischemia, 1715
Microangiopathy
Early Lacunar Strokes Complicating Polyarteritis Nodosa: Thrombotic Microangiopathy, abstract, 1469
Reduced Vasomotor Reactivity in Cerebral Microangiopathy: A Study With Near-Infrared Spectroscopy and Transcranial Doppler Sonography, 924
Microcirculation
Combined Diffusion-Weighted and Perfusion-Weighted Flow Heterogeneity Magnetic Resonance Imaging in Acute Stroke, 1097
Frequency and Location of Microbleeds in Patients With Primary *Intracerebral Hemorrhage*, 2665
Impact of Cerebral Microcirculatory Changes on Cerebral Blood Flow *During Cerebral Vasospasm After Aneurysmal Subarachnoid* Hemorrhage, 1621
Integrin $\alpha_{IIb}\beta_3$ Inhibitor Preserves Microvascular Patency in Experimental Acute Focal Cerebral Ischemia, 1402. Editorial comment, 1409
Toxicity of Dutch (E22Q) and Flemish (A21G) Mutant Amyloid β Proteins to Human Cerebral Microvessel and Aortic Smooth *Muscle Cells*, 534. Editorial comment, 538
Microglia
Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial *comment*, 1742
Microscopy, fluorescence
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161
Microspheres
Inapparent Hemodynamic Insufficiency Exacerbates Ischemic Damage in a Rat *Microembolic Stroke Model*, 2494. Editorial comment, 2499
Middle cerebral artery
Atherothrombotic Middle Cerebral Artery Territory Infarction: Topographic Diversity With Common Occurrence of Concomitant Small Cortical and Subcortical Infarcts, 2055
Detection of Early CT Signs of >1/3 Middle Cerebral Artery Infarctions: Interrater Reliability and Sensitivity of CT Interpretation by Physicians Involved in Acute Stroke Care, 1667
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis, 1672
Postischemic Attenuation of Cerebral Artery Reactivity Is Increased in the Presence of Tissue Plasminogen Activator, 940
Prediction of Malignant Middle Cerebral Artery Infarction by Diffusion-Weighted Imaging, 2175
Presence of Tissue Plasminogen Activator. Editorial comment, 945
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology. Editorial comment, 953
Middle cerebral artery occlusion
The *N*-Methyl-D-Aspartate Antagonist CNS 1102 Protects Cerebral Gray and White Matter From Ischemic Injury Following Temporary Focal Ischemia in Rats, 1709. Editorial comment, 1714
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392
Cognitive Deficits After Focal Cerebral Ischemia in Mice, 1939. Editorial comment, 1944
Delayed Systemic Administration of PACAP38 Is Neuroprotective in Transient Middle Cerebral Artery Occlusion in the Rat, 1411. Editorial comment, 1417
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684
Early Exclusive Use of the Affected Forelimb After Moderate Transient Focal Ischemia in Rats: Functional and Anatomic Outcome, 1144. Editorial comment, 1151
Evolution of Brain Injury After Transient Middle Cerebral Artery Occlusion in Neonatal Rats, 1752. Editorial comment, 1761
Factors Influencing the Frequency of Fluorescence Transients as Markers of Peri-Infarct Depolarizations in Focal Cerebral Ischemia, 214. Editorial comment, 221

Intravenous Brain-Derived Neurotrophic Factor Reduces Infarct Size and Counterregulates Bax and Bcl-2 Expression After Temporary Focal Cerebral Ischemia, 2212. Editorial comment, 2217
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology, 946

Migraine
Vasoneuronal Coupling in Migraineurs After Subcutaneous Sumatriptan: A TCD Study, abstract, 554

Models, statistical
A Predictive Risk Model for Outcomes of Ischemic Stroke, 448

Models, theoretical
Experimental Radiosurgery Simulations Using a Theoretical Model of Cerebral Arteriovenous Malformations, 2466. Editorial comment, 2477
Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NIN tPA Stroke Trial, 2335

Monitoring, ambulatory
Objective Measurement of Functional Upper-Extremity Movement Using Accelerometer Recordings Transformed With a Threshold Filter, 662

Monitoring, intraoperative
Association of Intraoperative Transcranial Doppler Monitoring Variables With Stroke From Carotid Endarterectomy, 1817

Morbidity
Trends in Validated Cases of Fatal and Nonfatal Stroke, Stroke Classification, and Risk Factors in Southeastern New England, 1980 to 1991: Data From the Pawtucket Heart Health Program, 875

Mortality
Cardiovascular and Cerebrovascular Mortality Associated With Ocular Pseudoexfoliation, abstract, 1201
Controlled Trial of α-Tocopherol and β-Carotene Supplements on Stroke Incidence and Mortality in Male Smokers, Abstract, 1472
Decreased Severity of Brain Infarct Can in Part Explain the Decreasing Case Fatality Rate of Stroke, 651
Dietary Potassium Intake and Stroke Mortality, 1532
Does Leukoaraiosis Predict Morbidity and Mortality? abstract, 997
Eosinophilia and Positive Skin Tests Predict Cardiovascular Mortality in a General Population Sample Followed for 30 Years, abstract, 242
Hydrocephalus Is a Determinant of Early Mortality in Putaminal Hemorrhage, 2157
Influence of Admission Body Temperature on Stroke Mortality, 404
International Trends in Mortality From Stroke, 1968 to 1994, 1588
A Multinational Comparison of Subarachnoid Hemorrhage Epidemiology in the WHO MONICA Stroke Study, 1054
Prediction of Functional Outcome and In-Hospital Mortality After Admission With Oral Anticoagulant-Related Intracerebral Hemorrhage, 2558
Prediction of Mortality by Ultrasound Screening of a General Population for Carotid Stenosis: The Tromsø Study, 1871
Predictors of Death and Vascular Events in the Elderly: The Perth Community Stroke Study, 863
Trends in Validated Cases of Fatal and Nonfatal Stroke, Stroke Classification, and Risk Factors in Southeastern New England, 1980 to 1991: Data From the Pawtucket Heart Health Program, 875
Variations in Stroke Incidence and Survival in 3 Areas of Europe, 2074
Who Benefits From Treatment and Rehabilitation in a Stroke Unit? A Community-Based Study, 434
Widening Gap of Stroke Between East and West: Eight-Year Trends in Occurrence and Risk Factors in Russia and Sweden, 2

Motor activity
Chronic Motor Dysfunction After Stroke: Recovering Wrist and Finger Extension by Electromyography-Triggered Neuromuscular Stimulation, 1360
Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? 2984
Early Exclusive Use of the Affected Forelimb After Moderate Transient Focal Ischemia in Rats: Functional and Anatomic Outcome, 1144. Editorial comment, 1151
Evolution of Cortical Activation During Recovery From Corticospinal Tract Infarction, 656
Is Transcranial Magnetic Stimulation of the Motor Cortex a Prognostic Tool for Motor Recovery After Stroke? Letter to the Editor, 1463. Response, 1464
Motor Strokes Sparing the Leg: Different Lesions and Causes, abstract, 2030
Recovery of Ipsilateral Dexterity After Stroke, 430
Repetitive Bilateral Arm Training With Rhythmic Auditory Cueing Improves Motor Function in Chronic Hemiparetic Stroke, 2390

Motor neurons
Cyclin D1 and Cdk4 Protein Induction in Motor Neurons After Transient Spinal Cord Ischemia in Rabbits, 200. Editorial comment, 207

Moyamoya disease
Linkage of Familial Moyamoya Disease (Spontaneous Occlusion of the Circle of Willis) to Chromosome 17q25, 930
MR Angiography of Moyamoya Disease Before and After Encephaloduroarteriosynangiosis, abstract, 997
Renal Artery Lesions in Patients With Moyamoya Disease: Angiographic Findings, 733

Muscle spasticity
A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Compare the Efficacy and Safety of Three Doses of Botulinum Toxin Type A (Dysport) With Placebo in Upper Limb Spasticity After Stroke, 2402

Muscle, smooth
Extracellular pH, Ca^{2+} Influx, and Response of Vascular Smooth Muscle Cells to 5-Hydroxytryptamine, 2500. Editorial comment, 2507
Toxicity of Dutch (E22Q) and Flemish (A21G) Mutant Amyloid β Proteins to Human Cerebral Microvessel and Aortic Smooth Muscle Cells, 534. Editorial comment, 538

Mutation
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713
G20210A PRTH Gene Mutation and Other Trombophilic Polymorphisms in Patients With Cerebral Vein Thrombosis, 1787
Toxicity of Dutch (E22Q) and Flemish (A21G) Mutant Amyloid β Proteins to Human Cerebral Microvessel and Aortic Smooth Muscle Cells, 534. Editoriai comment, 538

Myocardial infarction
Addendum to the Supplement to the Guidelines for the Management of Transient Ischemic Attacks, 1001
Intracranial Hemorrhage Associated With Thrombolytic Therapy for Elderly Patients With Acute Myocardial Infarction: Results From the Cooperative Cardiovascular Project, 1802

Myogenic regulatory factors
Electromechanical Alterations in the Cerebrovasculature of Stroke-Prone Rats, 751. Editorial comment, 758

N

NADH
Factors Influencing the Frequency of Fluorescence Transients as Markers of Peri-Infarct Depolarizations in Focal Cerebral Ischemia, 214. Editorial comment, 221

Narcotic antagonists
Cervene (Nalmefene) in Acute Ischemic Stroke: Final Results of a Phase III Efficacy Study, 1234

Natriuretic peptide, brain
Brain Natriuretic Peptide and Cerebral Vasospasm in Subarachnoid Hemorrhage: Clinical and TCD Correlations, 118

Natural history
Incident Hemorrhage Risk of Brain Arteriovenous Malformations Located in the Arterial Borderzones, 2365

Neonate
Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437
Nerve tissue protein S-100
Neurobehavioral Outcome Prediction After Cardiac Surgery: Role of Neurobiochemical Markers of Damage to Neuronal and Glial Brain Tissue, 645
Release of Glial Tissue-Specific Proteins After Acute Stroke: A Comparative Analysis of Serum Concentrations of Protein S-100B and Glial Fibrillary Acidic Protein, 2670
Neural conduction
Facial Palsy in Cerebral Venous Thrombosis: Transcranial Stimulation and Pathophysiological Considerations, 1766
Neurological deficits
Impact of White Matter Changes on Clinical Manifestation of Alzheimer's Disease: A Quantitative Study, 2182
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 2273
Neuron-specific enolase
Neurobehavioral Outcome Prediction After Cardiac Surgery: Role of Neurobiochemical Markers of Damage to Neuronal and Glial Brain Tissue, 645
Neuronal damage
Diffusion-Weighted MRI and Proton MR Spectroscopic Imaging in the Study of Secondary Neuronal Injury After Intracerebral Hemorrhage, 726
Feasibility and Safety of Inducing Modest Hypothermia in Awake Patients With Acute Stroke Through Surface Cooling: A Case-Control Study: The Copenhagen Stroke Study, 2251
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology, 946
Neuronal death
Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181
Is Pharmacological Neuroprotection Dependent on Reduced Glutamate Release? 766. Editorial comment, 773
Novel Apoptotic Evidence for Delayed Neuronal Death in the Hippocampal CA1 Pyramidal Cells After Transient Ischemia. Letter to the Editor, 236. Response, 237
Neuronal plasticity
Brain Plasticity and Stroke Rehabilitation: The Willis Lecture, 223
Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? 2984
A Pilot Study of Somatotopic Mapping After Cortical Infarct, 668
Neuropeptides
Delayed Systemic Administration of PACAP38 Is Neuroprotective in Transient Middle Cerebral Artery Occlusion in the Rat, 1411. Editorial comment, 1417
Neuroprotection
Dehydroepiandrosterone Sulfate Is Neuroprotective in a Reversible Spinal Cord Ischemia Model: Possible Involvement of GA_A Receptors, 1953. Editorial comment, 1957
Delayed Systemic Administration of PACAP38 Is Neuroprotective in Transient Middle Cerebral Artery Occlusion in the Rat, 1411. Editorial comment, 1417
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684
Do Transient Ischemic Attacks Have a Neuroprotective Effect? abstract, 2530
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235
Estradiol Exerts Neuroprotective Effects When Administered After Ischemic Insult, 745. Editorial comment, 749
Feasibility and Safety of Inducing Modest Hypothermia in Awake Patients With Acute Stroke Through Surface Cooling: A Case-Control Study: The Copenhagen Stroke Study, 2251
Glycine Antagonist (Gavestinel) in Neuroprotection (GAIN International) in Patients With Acute Stroke: A Randomised Controlled Trial, abstract, 2533
Lubeluzole in Acute Ischemic Stroke Treatment: A Double-Blind Study With an 8-Hour Inclusion Window Comparing a 10-mg Daily Dose of Lubeluzole With Placebo, 2543
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
Neuroprotection by the Stable Nitroxide Tempol During Reperfusion in a Rat Model of Transient Focal Ischemia, abstract, 2282
Neuroprotective Effects of Glycine For Therapy of Acute Ischemic Stroke, abstract, 1472
Phase II Studies of the Glycine Antagonist GV150526 in Acute Stroke: The North American Experience, 358
Proteasome Inhibitor PS519 Reduces Infarction and Attenuates Leukocyte Infiltration in a Rat Model of Focal Cerebral Ischemia, 1686. Editorial comment, 1693
Results in 95 Hemorrhagic Stroke Patients Included in CLASS, a Controlled Trial of Clomethiazole Versus Placebo in Acute Stroke Patients, 82
Selfotel in Acute Ischemic Stroke: Possible Neurotoxic Effects of an NMDA Antagonist, 347
Usefulness of Postischemic Thrombolysis With or Without Neuroprotection in a Focal Embolic Model of Cerebral Ischemia, abstract, 2282
Neuropsychological tests
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: I, Health Outcomes at 6 Months, 1024
Neuropsychology
Comparison of Microembolism Detected by Transcranial Doppler and Neuropsychological Sequelae of Carotid Surgery and Percutaneous Transluminal Angioplasty, 1329
Neurobehavioral Outcome Prediction After Cardiac Surgery: Role of Neurobiochemical Markers of Damage to Neuronal and Glial Brain Tissue, 645
Neutrophils
Acute Ischemic Stroke: Polymorphonuclear Leukocyte Membrane Fluidity and Cytosolic Ca^{2+} Concentration at Baseline and After Chemotactic Activation, 1578
Effects of Delayed Intraischemic and Postischemic Hypothermia on a Focal Model of Transient Cerebral Ischemia in Rats, 1982. Editorial comment, 1989
Effects of Lipopolysaccharide Priming on Acute Ischemic Brain Injury, 193. Editorial comment, 199
Intracortical Hemorrhage Injury in Rats: Relationship Between Blood Fractions and Brain Cell Death, 1721. Editorial comment, 1727. Editorial comment, 1720
Newborn
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels. Editorial comment, 525
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996
^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699
NF-kappa-B
Hypertonic Mannitol Loading of NF-κB Transcription Factor Decoys in Human Brain Microvascular Endothelial Cells Blocks Upregulation of ICAM-1, 1179. Editorial comment, 1186
Niacinamide
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684
Nifedipine
Electromechanical Alterations in the Cerebrovasculature of Stroke-Prone Rats, 751. Editorial comment, 758
Nimodipine
Effect of Intravenous Nimodipine on Blood Pressure and Outcome After Acute Stroke, 1250
Nitrates
Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia, 1974. Editorial comment, 1981

Nitric oxide
Association Between the Glu298Asp Polymorphism in the Endothelial Constitutive Nitric Oxide Synthase Gene and Brain Infarction, 1634
Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice, 2442. Editorial comment, 2448
Decreased Nitric Oxide Availability Contributes to Acute Cerebral Ischemia After Subarachnoid Hemorrhage, abstract, 2734
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235
Impaired Endothelial Function in Transgenic Mice Expressing Both Human Renin and Human Angiotensinogen, 760. Editorial comment, 765
In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975
Nitric Oxide Deficiency Contributes to Large Cerebral Infarct Size, abstract, 2531
Nitric Oxide–Related Brain Damage in Acute Ischemic Stroke, 852
Oxidative Stress in the Context of Acute Cerebrovascular Stroke, 1889
Oxygen-Glucose Deprivation Induces Inducible Nitric Oxide Synthase and Nitrotyrosine Expression in Cerebral Endothelial Cells, 1744. Editorial comment, 1751
Relative Contributions From Neuronal and Endothelial Nitric Oxide Synthases to Regional Cerebral Blood Flow Changes During Forebrain Ischemia in Rats, abstract, 2532
Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia, 1974. Editorial comment, 1981
Role of Phosphatidylinositol 3-Kinase in Acetylcholine-Induced Dilatation of Rat Basilar Artery, 2487. Editorial comment, 2492
Subacute But Not Acute Generation of Nitric Oxide in Focal Cerebral Ischemia, 2208
Subarachnoid Hemorrhage Induced Sympathoexcitation Arises Due to Changes in Endothelin and/or Nitric Oxide Activity, abstract, 1791

Nitric oxide synthase
In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691
Subacute But Not Acute Generation of Nitric Oxide in Focal Cerebral Ischemia, 2208

Nitroprusside
Impaired Endothelial Function in Transgenic Mice Expressing Both Human Renin and Human Angiotensinogen, 760. Editorial comment, 765

Norepinephrine
Increased Sympathetic Nervous Activity in Patients With Nontraumatic Subarachnoid Hemorrhage, 901

O

Observer variation
Evaluation of New Online Automated Embolic Signal Detection Algorithm, Including Comparison With Panel of International Experts, 1335

Occlusion
Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms: Clinical and Angiographic Outcomes, 100
Long-Term Clinical and Angiographic Outcomes in Symptomatic Patients With 70 o 99%2037 Carotid Artery Stenosis, 2037
Specific Transcranial Doppler Flow Findings Related to the Presence and Site of Arterial Occlusion, 140

Ocular disease
Cardiovascular and Cerebrovascular Mortality Associated With Ocular Pseudoexfoliation, abstract, 1201

Oligodendroglia
Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742

Ophthalmic artery
Duplex Scanning of the Ophthalmic Artery and Carotid Endarterectomy, letter, 235. Response, 235

Opioids
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996

Orthostatic stress
Simultaneous Assessment of Brain Tissue Oxygenation and Cerebral Perfusion During Orthostatic Stress, abstract, 1471

Osmolar concentration
Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701

Osteoporosis
Stroke, a Major and Increasing Risk Factor for Femoral Neck Fracture, 1572

Outcome
Antioxidant Profile and Early Outcome in Stroke Patients, 2295
Determinants of Neurological Outcome After Surgery for Brain Arteriovenous Malformation, 2361
Effects of Poststroke Pyrexia on Stroke Outcome: A Meta-Analysis of Studies in Patients, 410
Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms: Clinical and Angiographic Outcomes, 100
Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NIN tPA Stroke Trial, 2335
Health-Related Quality of Life Among Long-Term Survivors of Stroke: Results From the Auckland Stroke Study, 1991–1992, 440
High Rate of Complete Recanalization and Dramatic Clinical Recovery During tPA Infusion When Continuously Monitored With 2-MHz Transcranial Doppler Monitoring, 610
Magnetic Resonance Techniques for the Identification of Patients With Symptomatic Carotid Artery Occlusion at High Risk of Cerebral Ischemic Events, 3001
Measuring Outcomes in Acute Stroke Trials. Letter to the Editor, 232
Mild Resuscitative Hypothermia to Improve Neurological Outcome After Cardiac Arrest: A Clinical Feasibility Trial, 86
Neuroimaging in Deteriorating Patients With Cerebellar Infarcts and Mass Effect, 2062
One-Year Follow-Up in Acute Stroke Patients Treated With rtPA in Clinical Routine, 1552
Outcome Measures in Acute Stroke Trials: A Systematic Review and Some Recommendations to Improve Practice, 1429
Placebo Treatment in Acute Stroke Trials: Benefit or Harm to Patients? 355
Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways, 672
Release of Glial Tissue-Specific Proteins After Acute Stroke: A Comparative Analysis of Serum Concentrations of Protein S-100B and Glial Fibrillary Acidic Protein, 2670
Retrospective Assessment of Initial Stroke Severity With the NIH Stroke Scale, 858
Stroke, a Major and Increasing Risk Factor for Femoral Neck Fracture, 1572
There's No Place Like Home: An Evaluation of Early Supported Discharge for Stroke, 1016
Timing of Recanalization After Tissue Plasminogen Activator Therapy Determined by Transcranial Doppler Correlates With Clinical Recovery From Ischemic Stroke, 1812
Treatment of Intraventricular Hemorrhage With Urokinase: Effects on 30-Day Survival, 841

Outcome assessment
Development of an Ischemic Stroke Survival Score, 2414

Oxidative stress
Antioxidant Profile and Early Outcome in Stroke Patients, 2295

Oximetry
Does Feeding Alter Arterial Oxygen Saturation in Patients With Acute Stroke? 2134

Oxygen
Cerebral Oxygenation Declines in Healthy Elderly Subjects in Response to Assuming the Upright Position, 1615
Does Feeding Alter Arterial Oxygen Saturation in Patients With Acute Stroke? 2134
Oxygen radical
C242T Polymorphism of NADPH Oxidase p22 *PHOX* Gene and Ischemic Cerebrovascular Disease in the Japanese Population, 936

P

Pain
Medical Complications After Stroke: A Multicenter Study, 1223
Paralysis, bulbar
Mechanisms of Dysphagia in Suprabulbar Palsy With Lacunar Infarct, 1370
Paraplegia
White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952
Paresis
Stroke, a Major and Increasing Risk Factor for Femoral Neck Fracture, 1572
Pathology
Analysis of Endoglin Expression in Normal Brain Tissue and in Cerebral Arteriovenous Malformations, 2653
Cerebral Infarction in Adult AI Patients: Observations From the Edinburgh HIV Autopsy Cohort, 2117
Growth Factors Stimulate Neointimal Cells In Vitro and Increase the Thickness of the Neointima Formed at the Neck of Porcine Aneurysms Treated by Embolization, 498. Editorial comment, 507
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Hypoxia, Hyperoxia, Ischemia, and Brain Necrosis, abstract, 1203
N-Acetylaspartate Distribution in Proton Spectroscopic Images of Ischemic Stroke: Relationship to Infarct Appearance on T2-Weighted Magnetic Resonance Imaging, 3008
Solitary Tract Nuclei in Acute Heart Failure, 1187
Visualization of the Basilar Artery By Transcranial Color-Coded Duplex Sonography: Comparison With Postmortem Results, 1123
Patient compliance
Anticoagulant Patient Information Material Is Written at High Readability Levels, 2966
Peer group
Stroke Knowledge Among Stroke Support Group Members, 1230
Penumbra
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Peptides
Adrenomedullin in Patients With Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 3082
Angiotensin II AT_1 Blockade Normalizes Cerebrovascular Autoregulation and Reduces Cerebral Ischemia in Spontaneously Hypertensive Rats, 2478. Editorial comment, 2485
Perfluorocarbons
Harmonic Imaging of the Human Brain: Visualization of Brain Perfusion With Ultrasound, 151
Ultrasound Perfusion Imaging of the Human Brain, 2421
Visualization of Brain Perfusion With Harmonic Gray Scale and Power Doppler Technology: An Animal Pilot Study, 1728. Editorial comment, 1733
Perfusion
Cerebral Hemodynamics in CADASIL Before and After Acetazolamide Challenge Assessed With MRI Bolus Tracking, 1904
Diffusion- and Perfusion-Weighted MRI: Influence of Severe Carotid Artery Stenosis on the DWI/PWI Mismatch in Acute Stroke, 1311
Harmonic Imaging of the Human Brain: Visualization of Brain Perfusion With Ultrasound, 151
Magnetic Resonance Perfusion Imaging in Acute Ischemic Stroke Using Continuous Arterial Spin Labeling, 680
Ultrasonic Assessment of Brain Perfusion. Letter to the Editor, 1460. Response, 1462
Ultrasound Perfusion Imaging of the Human Brain, 2421
Visualization of Brain Perfusion With Harmonic Gray Scale and Power Doppler Technology: An Animal Pilot Study, 1728. Editorial comment, 1733
Perimesencephalic hemorrhage
Perimesencephalic Hemorrhage and CT Angiography: A Decision Analysis, 2976
Peroxidase
Effects of Delayed Intraischemic and Postischemic Hypothermia on a Focal Model of Transient Cerebral Ischemia in Rats, 1982. Editorial comment, 1989
Pharmacology
Control of Blood Pressure and Risk of Stroke Among Pharmacologically Treated Hypertensive Patients, 420
Pharyngeal muscles
Mechanisms of Dysphagia in Suprabulbar Palsy With Lacunar Infarct, 1370
Phenylephrine
Cerebral Autoregulation in Subjects Adapted and Not Adapted to High Altitude, 2314
Phospholipids
Anticardiolipin Antibodies Are Not an Independent Risk Factor for Stroke: An Incident Case-Referent Study Nested Within the MONICA and Västerbotten Cohort Project, 1289
Photochemistry
Ovariectomy Exacerbates and Estrogen Replacement Attenuates Photothrombotic Focal Ischemic Brain Injury in Rats, 155. Editorial comment, 160
Physical function
Depression and Other Determinants of Values Placed on Current Health State by Stroke Patients: Evidence From the VA Acute Stroke (VASt) Study, 2603
Repetitive Bilateral Arm Training With Rhythmic Auditory Cueing Improves Motor Function in Chronic Hemiparetic Stroke, 2390
Physical therapy
Treatment-Induced Cortical Reorganization After Stroke in Humans, 1210
Pigs
Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking After Acute Stroke in Pigs: Comparison With [^{15}O]H_2O Positron Emission Tomography, 1958. Editorial comment, 1964
Superoxide Generation Links Nociceptin/Orphanin FQ (NOC/oFQ) Release to Impaired N-Methyl-D-Aspartate Cerebrovasodilation After Brain Injury, 1990. Editorial comment, 1996
Piracetam
Piracetam Improves Activated Blood Flow and Facilitates Rehabilitation of Poststroke Aphasic Patients, 2112
Placebos
Placebo Treatment in Acute Stroke Trials: Benefit or Harm to Patients? 355
Plasmin
Thrombin Reduces Cerebral Arterial Contractions Caused by Cerebrospinal Fluid From Patients With Subarachnoid Hemorrhage, 2149
Platelet aggregation
Specific Impairment of Human Platelet $P2Y_{AC}$ ADP Receptor-Mediated Signaling by the Antiplatelet Drug Clopidogrel, abstract, 245
Thienopyridines or Aspirin to Prevent Stroke and Other Serious Vascular Events in Patients at High Risk of Vascular Disease? A Systematic Review of the Evidence From Randomized Trials, 1779
Platelet aggregation inhibitors
Abciximab in Acute Ischemic Stroke: A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study, 601
Platelet glycoprotein GPIIb/IIIa complex
Integrin $\alpha_{IIb}\beta_3$ Inhibitor Preserves Microvascular Patency in Experimental Acute Focal Cerebral Ischemia, 1402. Editorial comment, 1409

Platelets
Antithrombotic Effects of Abciximab, abstract, 2282
Association Between Platelet Glycoprotein Ibα Genotype and Ischemic Cerebrovascular Disease, 493
Genetic Variants of Platelet Glycoprotein Receptors and Risk of Stroke in Young Women, 1628
Increased Platelet Sensitivity to Collagen in Individuals Resistant to Low-Dose Aspirin, 591
Pneumonia
Silent Cerebral Infarction: A Potential Risk for Pneumonia in The Elderly, abstract, 1792
Polymorphism
α_1-Antichymotrypsin Gene Polymorphism in Patients With Stroke, 2103
Apolipoprotein E Polymorphism: Survival and Neurological Outcome After Cardiopulmonary Resuscitation, 2068
Association Between Platelet Glycoprotein Ibα Genotype and Ischemic Cerebrovascular Disease, 493
C242T Polymorphism of NADPH Oxidase p22 *PHOX* Gene and Ischemic Cerebrovascular Disease in the Japanese Population, 936
Frequent Polymorphism of the Human Methylenetetrahydrofolate Reductase. Letter to the Editor, 990. Response, 990
G20210A PRTH Gene Mutation and Other Trombophilic Polymorphisms in Patients With Cerebral Vein Thrombosis, 1787
Genetic Variants of Platelet Glycoprotein Receptors and Risk of Stroke in Young Women, 1628
Polymorphism in the Promoter of Lipopolysaccharide Receptor CD14 and Ischemic Cerebrovascular Disease, 2661
Population
Prediction of Mortality by Ultrasound Screening of a General Population for Carotid Stenosis: The Tromsø Study, 1871
Stroke and Apolipoprotein E ε4 Are Independent Risk Factors for Cognitive Decline: A Population-Based Study, 2431
Positive-pressure respiration
Middle Cerebral Artery Blood Flow Velocity, End-Tidal pCO_2 and Blood Pressure in Patients With Obstructive Sleep Apnea and in Healthy Subjects During Continuous Positive Airway Pressure Breathing, abstract, 998
Posterior cerebral artery
Evaluation of Posterior Cerebral Artery Flow Velocity by Transcranial Color-Coded Real-Time Sonography, abstract, 2033
Posterior communicating artery
Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains, 2707. Editorial comment, 2713
Posture
Orthostatic Tolerance, Cerebral Oxygenation, and Blood Velocity in Humans With Sympathetic Failure, 1608
Potassium
Dietary Potassium Intake and Stroke Mortality, 1532
Hypokalemia Associated With Diuretic Use and Cardiovascular Events in the Systolic Hypertension in the Elderly Program, abstract, 2531
Potassium channels
Mechanisms of Cerebral Arterial Relaxations to Hydrogen Peroxide, 2224. Editorial comment, 2229
Selective Effects of Subarachnoid Hemorrhage on Cerebral Vascular Responses to 4-Aminopyridine in Rats, 2460. Editorial comment, 2465
Pregnancy
Risk Factors for Peripartum and Postpartum Stroke and Intracranial Venous Thrombosis, 1274
Stroke and Pregnancy, 2948
Transient Focal Neurological Deficits During Pregnancy in Carriers of Inherited Thrombophilia, 892
Prevalence
Prevalence and Impact of Urinary Symptoms Among Community-Dwelling Stroke Survivors, 886
Prevention
Antithrombotic and Antihypertensive Management 3 Months After Ischemic Stroke: A Prospective Study in an Inner City Population, 469
North Carolina Stroke Prevention and Treatment Facilities Survey: Statewide Availability of Programs and Services, 66
Optimal Intensity of Warfarin Therapy for Secondary Prevention of Stroke in Patients With Nonvalvular Atrial Fibrillation: A Multicenter, Prospective, Randomized Trial, 817
Progesterone
Neuroprotective Effects of Female Gonadal Steroids in Reproductively Senescent Female Rats, 161. Editorial comment, 167
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals, 1173. Editorial comment, 1178
Prognosis
Benign Prognosis of Never-Symptomatic Carotid Occlusion, abstract, 1469
Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415
C-Reactive Protein and Outcome After First-Ever Ischemic Stroke, letter, 238
Development of an Ischemic Stroke Survival Score, 2414
Epidemiology of Aneurysmal Subarachnoid Hemorrhage in Australia and New Zealand: Incidence and Case Fatality From the Australasian Cooperative Research on Subarachnoid Hemorrhage Study (ACROSS), 1843
Five-Year Survival After First-Ever Stroke and Related Prognostic Factors in the Perth Community Stroke Study, 2080
Hemostatic Markers in Patients at Risk of Cerebral Ischemia, 1856
Hydrocephalus Is a Determinant of Early Mortality in Putaminal Hemorrhage, 2157
Plasma Endothelin-1 Levels Neither Increase nor Correlate With Neurological Scores, Stroke Risk Factors, or Outcome in Patients With Ischemic Stroke, 720
Prediction of Functional Outcome and In-Hospital Mortality After Admission With Oral Anticoagulant-Related Intracerebral Hemorrhage, 2558
A Predictive Risk Model for Outcomes of Ischemic Stroke, 448
Proinflammatory Cytokines and Early Neurological Worsening in Ischemic Stroke, 2325
Quantitative Analysis of the Loss of Distinction Between Gray and White Matter in Comatose Patients After Cardiac Arrest, 2163
Retrospective Assessment of Initial Stroke Severity With the NIH Stroke Scale, 858
The Stroke Prognosis Instrument II (SPI-II): A Clinical Prediction Instrument for Patients With Transient Ischemia and Nondisabling Ischemic Stroke, 456
Use of Transcranial Doppler Ultrasound to Predict Outcome in Patients With Intracranial Large-Artery Occlusive Disease, 2641
Which Parameters of Beat-to-Beat Blood Pressure and Variability Best Predict Early Outcome After Acute Ischemic Stroke? 463
Proinsulin
High Proinsulin Levels Precede First-Ever Stroke in a Nondiabetic Population, 2936
Prospective studies
Comparison of Risk Factors for Stroke Incidence and Stroke Mortality in 20 Years of Follow-Up in Men and Women in the Renfrew/Paisley Study in Scotland, 1893
Decreased Severity of Brain Infarct Can in Part Explain the Decreasing Case Fatality Rate of Stroke, 651
Incidence and Risk Factors for Subtypes of Cerebral Infarction in a General Population: The Hisayama Study, 2616
Influence of Socioeconomic Circumstances in Early and Later Life on Stroke Risk Among Men in a Scottish Cohort Study, 2093
Orthostatic Hypotension as a Risk Factor for Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, 1987-1996, 2307
Prostaglandins
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels. Editorial comment, 525
The Effect of Acute Ingestion of a Large Dose of Alcohol on the Hemostatic System and Its Circadian Variation, 1269
Protein kinases
Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin $F_{2\alpha}$) in Immature Pig Periventricular Brain Microvessels, 516
Mechanism of ATP-Induced $[Ca^{2+}]_i$ Mobilization in Rat Basilar Smooth Muscle Cells, 1377. Editorial comment, 1384
Mechanism of Endothelin-1–Induced Contraction in Rabbit Basilar Artery, 526. comment, 533

A New Model of Cerebral Microthrombosis in Rats and the Neuroprotective Effect of a Rho-Kinase Inhibitor, 2245. Editorial comment, 2250

Protein S deficiency

Facial Palsy in Cerebral Venous Thrombosis: Transcranial Stimulation and Pathophysiological Considerations, 1766

Protein-tyrosine kinase

Mechanism of ATP-Induced $[Ca^{2+}]_i$ Mobilization in Rat Basilar Smooth Muscle Cells, 1377. Editorial comment, 1384

Role of Phosphatidylinositol 3-Kinase in Acetylcholine-Induced Dilatation of Rat Basilar Artery, 2487. Editorial comment, 2492

Proteins

Intravenous Brain-Derived Neurotrophic Factor Reduces Infarct Size and Counterregulates Bax and Bcl-2 Expression After Temporary Focal Cerebral Ischemia, 2212. Editorial comment, 2217

Prothrombin

Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437

Psychometrics

Clinical Meaning of the Stroke-Adapted Sickness Impact Profile-30 and the Sickness Impact Profile-136, 2610

Evaluation of Measures Used to Assess Quality of Life After Stroke, 2004

Puerperium

Risk Factors for Peripartum and Postpartum Stroke and Intracranial Venous Thrombosis, 1274

Putamen

Improved Functional Outcome in Patients With Hemorrhagic Stroke in Putamen and Thalamus Compared With Those With Stroke Restricted to the Putamen or Thalamus, 1365

Q

Quality of life

Clinical Meaning of the Stroke-Adapted Sickness Impact Profile-30 and the Sickness Impact Profile-136, 2610

Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346

Depression and Other Determinants of Values Placed on Current Health State by Stroke Patients: Evidence From the VA Acute Stroke (VASt) Study, 2603

Evaluation of Measures Used to Assess Quality of Life After Stroke, 2004

Facilitating Data Collection in Stroke Patients and the Elderly, 3081

Health-Related Quality of Life Among Long-Term Survivors of Stroke: Results From the Auckland Stroke Study, 1991–1992, 440

Prevalence and Impact of Urinary Symptoms Among Community-Dwelling Stroke Survivors, 886

Quality of Life Among Stroke Survivors Evaluated 1 Year After Stroke: Experience of a Stroke Unit, 2995

There's No Place Like Home: An Evaluation of Early Supported Discharge for Stroke, 1016

Questionnaires

Verifying the Stroke-Free Phenotype by Structured Telephone Interview, 1076

Quinapril

Impairment of Cerebrovascular Reactivity by Methionine-Induced Hyperhomocysteinemia and Amelioration by Quinapril Treatment, 2907

R

Rabbits

^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699

Augmented Vasoconstriction and Thromboxane Formation by 15-F_{2t}-Isoprostane (8-Iso-Prostaglandin F_{2a}) in Immature Pig Periventricular Brain Microvessels, 516

Dehydroepiandrosterone Sulfate Is Neuroprotective in a Reversible Spinal Cord Ischemia Model: Possible Involvement of GA_A Receptors, 1953. Editorial comment, 1957

In Vivo Gene Transfer of Endothelial Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits Enhances Endothelium-Dependent Relaxations, 968. Editorial comment, 975

Mechanism of Endothelin-1–Induced Contraction in Rabbit Basilar Artery, 526. Editorial comment, 533

Radiation

Asymptomatic Carotid Arterial Disease in Young Patients Following Neck Radiation Therapy for Hodgkin Lymphoma, abstract, 551

Radioisotopes

^{99m}Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury, 2692. Editorial comment, 2699

Radiosurgery

Experimental Radiosurgery Simulations Using a Theoretical Model of Cerebral Arteriovenous Malformations, 2466. Editorial comment, 2477

Randomized clinical trials

Blood Pressure Exceeding National Guidelines Among Women After Stroke, 415

Randomized controlled trials

Abciximab in Acute Ischemic Stroke: A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study, 601

Can Readmission After Stroke Be Prevented? Results of a Randomized Clinical Study: A Postdischarge Follow-Up Service for Stroke Survivors, 1038

Cochrane Report: A Systematic Review of Mannitol Therapy for Acute Ischemic Stroke and Cerebral Parenchymal Hemorrhage, 2719

Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: I, Health Outcomes at 6 Months, 1024

Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: II, Cost Minimization Analysis at 6 Months, 1032

Indications for Early Aspirin Use in Acute Ischemic Stroke: A Combined Analysis of 40 000 Randomized Patients From the Chinese Acute Stroke Trial and the International Stroke Trial, 1240

Optimal Intensity of Warfarin Therapy for Secondary Prevention of Stroke in Patients With Nonvalvular Atrial Fibrillation: A Multicenter, Prospective, Randomized Trial, 817

The Stroke Prognosis Instrument II (SPI-II): A Clinical Prediction Instrument for Patients With Transient Ischemia and Nondisabling Ischemic Stroke, 456

There's No Place Like Home: An Evaluation of Early Supported Discharge for Stroke, 1016

Thienopyridines or Aspirin to Prevent Stroke and Other Serious Vascular Events in Patients at High Risk of Vascular Disease? : A Systematic Review of the Evidence From Randomized Trials, 1779

Rats

σ_1-Receptor Ligand 4-Phenyl-1-(4-Phenylbutyl)-Piperidine Affords Neuroprotection From Focal Ischemia With Prolonged Reperfusion, 976. Editorial comment, 982

The *N*-Methyl-D-Aspartate Antagonist CNS 1102 Protects Cerebral Gray and White Matter From Ischemic Injury Following Temporary Focal Ischemia in Rats, 1709. Editorial comment, 1714

Acute Carotid Occlusion Alters the Activation Flow Coupling Response to Forepaw Stimulation in a Rat Model, 955. Editorial comment, 960

Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392

Caspase Inhibitors Reduce Neuronal Injury After Focal but Not Global Cerebral Ischemia in Rats, 176. Editorial comment, 181

CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243

Contribution of Microglia/Macrophages to Expansion of Infarction and Response of Oligodendrocytes After Focal Cerebral Ischemia in Rats, 1735. Editorial comment, 1742

The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus, 1162. Editorial comment, 1172

Delayed Systemic Administration of PACAP38 Is Neuroprotective in Transient Middle Cerebral Artery Occlusion in the Rat, 1411. Editorial comment, 1417
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684
Early Exclusive Use of the Affected Forelimb After Moderate Transient Focal Ischemia in Rats: Functional and Anatomic Outcome, 1144. Editorial comment, 1151
Effect of Ganaxolone in a Rodent Model of Cerebral Hematoma, 169. Editorial comment, 174
Effects of Estrogen on Leukocyte Adhesion After Transient Forebrain Ischemia, 2231. Editorial comment, 2235
Effects of Fluid Management on Edema Volume and Midline Shift in a Rat Model of Ischemic Stroke, 1702. Editorial comment, 1708
Electromechanical Alterations in the Cerebrovasculature of Stroke-Prone Rats, 751. Editorial comment, 758
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Heritability of Intracerebral Hemorrhagic Lesions and Cerebral Aneurysms in the Rat, 2678. Editorial comment, 2684
Hyperglycemia Enhances Extracellular Glutamate Accumulation in Rats Subjected to Forebrain Ischemia, 183. Editorial comment, 191
Intravenous Brain-Derived Neurotrophic Factor Reduces Infarct Size and Counterregulates Bax and Bcl-2 Expression After Temporary Focal Cerebral Ischemia, 2212. Editorial comment, 2217
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? An Experimental Study, 508. Editorial comment, 514
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161
Mechanism of ATP-Induced $[Ca^{2+}]_i$ Mobilization in Rat Basilar Smooth Muscle Cells, 1377. Editorial comment, 1384
Mild and Moderate Hypothermia (α-Stat) Do Not Impair the Coupling Between Local Cerebral Blood Flow and Metabolism in Rats, 1393. Editorial comment, 1401
A New Model of Cerebral Microthrombosis in Rats and the Neuroprotective Effect of a Rho-Kinase Inhibitor, 2245. Editorial comment, 2250
Ovariectomy Exacerbates and Estrogen Replacement Attenuates Photothrombotic Focal Ischemic Brain Injury in Rats, 155. Editorial comment, 160
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals, 1173
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals. Editorial comment, 1178
Proteasome Inhibitor PS519 Reduces Infarction and Attenuates Leukocyte Infiltration in a Rat Model of Focal Cerebral Ischemia, 1686. Editorial comment, 1693
Selective Effects of Subarachnoid Hemorrhage on Cerebral Vascular Responses to 4-Aminopyridine in Rats, 2460. Editorial comment, 2465
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973
Subacute But Not Acute Generation of Nitric Oxide in Focal Cerebral Ischemia, 2208
Transient and Permanent Resolution of Ischemic Lesions on Diffusion-Weighted Imaging After Brief Periods of Focal Ischemia in Rats: Correlation With Histopathology, 946
White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952

Recanalization

Monitoring Intravenous Recombinant Tissue Plasminogen Activator Thrombolysis for Acute Ischemic Stroke With Diffusion and Perfusion MRI, 1318
Transcranial Doppler Ultrasound Criteria for Recanalization After Thrombolysis for Middle Cerebral Artery Stroke, 1128

Receptors

Angiotensin II AT_1 Blockade Normalizes Cerebrovascular Autoregulation and Reduces Cerebral Ischemia in Spontaneously Hypertensive Rats, 2478. Editorial comment, 2485

Receptors, purinergic P_2

Mechanism of ATP-Induced $[Ca^{2+}]_i$ Mobilization in Rat Basilar Smooth Muscle Cells, 1377. Editorial comment, 1384

Recovery

Association Between Physiological Homeostasis and Early Recovery After Stroke, letter, 2526. Response, 2527
Brain Plasticity and Stroke Rehabilitation: The Willis Lecture, 223

Recovery of function

Piracetam Improves Activated Blood Flow and Facilitates Rehabilitation of Poststroke Aphasic Patients, 2112

Regional blood flow

Regional Myocardial Perfusion After Experimental Subarachnoid Hemorrhage, 1136. Editorial comment, 1142

Rehabilitation

Association Between Physiological Homeostasis and Early Recovery After Stroke, letter, 2526. Response, 2527
Brain Plasticity and Stroke Rehabilitation: The Willis Lecture, 223
Can Readmission After Stroke Be Prevented? Results of a Randomized Clinical Study: A Postdischarge Follow-Up Service for Stroke Survivors, 1038
Chronic Motor Dysfunction After Stroke: Recovering Wrist and Finger Extension by Electromyography-Triggered Neuromuscular Stimulation 1360
Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? 2984
Domiciliary Occupational Therapy For Patients With Stroke Discharged From Hospital: Randomised Controlled Trial, abstract, 1795
Evolution of Cortical Activation During Recovery From Corticospinal Tract Infarction, 656
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: I, Health Outcomes at 6 Months, 1024
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: II, Cost Minimization Analysis at 6 Months, 1032
Improved Functional Outcome in Patients With Hemorrhagic Stroke in Putamen and Thalamus Compared With Those With Stroke Restricted to the Putamen or Thalamus, 1365
No Side Effects After Low-Dose Amphetamine Administration in Stroke Rehabilitation, 1788
Objective Measurement of Functional Upper-Extremity Movement Using Accelerometer Recordings Transformed With a Threshold Filter, 662
Randomized Controlled Trial of Integrated (Managed) Care Pathway for Stroke Rehabilitation, 1929
Recovery of Ipsilateral Dexterity After Stroke, 430
Repetitive Bilateral Arm Training With Rhythmic Auditory Cueing Improves Motor Function in Chronic Hemiparetic Stroke, 2390
There's No Place Like Home: An Evaluation of Early Supported Discharge for Stroke, 1016
There's No Place Like Home... for Some, letter, 2521. Response, 2522

Renal artery

Prevalence of Renal Artery Stenosis in Autopsy Patients With Stroke, 61
Renal Artery Lesions in Patients With Moyamoya Disease: Angiographic Findings, 733

Reperfusion

CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243
Evolution of Brain Injury After Transient Middle Cerebral Artery Occlusion in Neonatal Rats, 1752. Editorial comment, 1761
Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701
Leukocyte Accumulation and Hemodynamic Changes in the Cerebral Microcirculation During Early Reperfusion After Stroke, 1153. Editorial comment, 1161
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 33

A Modified Transorbital Baboon Model of Reperfused Stroke, 3054. Editorial comment, 3063
Serial MRI After Transient Focal Cerebral Ischemia in Rats: Dynamics of Tissue Injury, Blood-Brain Barrier Damage, and Edema Formation, 1965. Editorial comment, 1973

Reperfusion injury
Hydroxyethyl Starch Reduces Leukocyte Adherence and Vascular Injury in the Newborn Pig Cerebral Circulation After Asphyxia, 2218. Editorial comment, 2223
Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia, 1974. Editorial comment, 1981

Reproducibility of results
Reproducibility of Computer-Quantified Carotid Plaque Echogenicity: Can We Overcome the Subjectivity? 2189

Resuscitation
Apolipoprotein E Polymorphism: Survival and Neurological Outcome After Cardiopulmonary Resuscitation, 2068

Retina
Hyperhomocysteinemia: A Risk Factor for Central Retinal Vein Occlusion, abstract, 2529
Optic Disk and Retinal Nerve Fiber Layer Damage After Transient Central Retinal Artery Occlusion: An Experimental Study in Rhesus Monkeys, abstract, 3086

Retinal artery occlusion
Optic Disk and Retinal Nerve Fiber Layer Damage After Transient Central Retinal Artery Occlusion: An Experimental Study in Rhesus Monkeys, abstract, 3086

Review
Economic Evaluation in Stroke Research: A Systematic Review, 1046

Rheology
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 688

Risk
Reduced ICA Diameter and Reduced Stroke Risk, 1787

Risk assessment
Prediction of Malignant Middle Cerebral Artery Infarction by Diffusion-Weighted Imaging, 2175

Risk factors
Chlamydia pneumoniae and the Risk of First Ischemic Stroke : The Northern Manhattan Stroke Study, 1521
Angiographically Defined Collateral Circulation and Risk of Stroke in Patients With Severe Carotid Artery Stenosis, 128
Association Between Risk Factors for Atherosclerosis and Mechanical Forces in Carotid Artery, 2319
Behavioral Risk Factor Prevalence and Lifestyle Change After Stroke: A Prospective Study, 1877
C-Reactive Protein Is a Strong but Nonspecific Risk Factor of Fatal Stroke in Elderly Persons, abstract, 2031
C-Reactive Protein, Cardiovascular Risk Factors, and Mortality in a Prospective Study in the Elderly, abstract, 2031
C242T Polymorphism of NADPH Oxidase p22 *PHOX* Gene and Ischemic Cerebrovascular Disease in the Japanese Population, 936
Carotid Artery Intima-Media Thickness Measured by Ultrasonography in Normal Clinical Practice Correlates Well With Atherosclerosis Risk Factors, 2426
Carotid Wall Thickness Is Predictive of Incident Clinical Stroke: The Atherosclerosis Risk in Communities (ARIC) Study, abstract, 2031
Comparison of Risk Factors for Stroke Incidence and Stroke Mortality in 20 Years of Follow-Up in Men and Women in the Renfrew/Paisley Study in Scotland, 1893
Control of Blood Pressure and Risk of Stroke Among Pharmacologically Treated Hypertensive Patients, 420
Differences in Stroke Subtypes Among Natives and Caucasians in Boston and Buenos Aires, 2385
Etiologic Factors in Progression of Carotid Stenosis: A 10-Year Study in 905 Patients, abstract, 1469
Hyperhomocyst(e)inemia Is Associated With Carotid Atherosclerosis, abstract, 802
Hyperhomocysteinemia Increases Risk of Death; Especially in Type 2 Diabetes: 5-Year Follow-Up of the Hoorn Study, abstract, 2032
Hyperinsulinemia and the Risk of Cardiovascular Death and Acute Coronary and Cerebrovascular Events in Men: The Kuopio Ischaemic Heart Disease Risk Factor Study, abstract, 2281
Impact of White Matter Changes on Clinical Manifestation of Alzheimer's Disease: A Quantitative Study, 2182
Incidence and Risk Factors for Subtypes of Cerebral Infarction in a General Population: The Hisayama Study, 2616
Increased Carotid Intimal-Medial Thickness and Coronary Calcification Are Related in Young and Middle-Aged Adults: The Muscatine Study, abstract, 242
Interrelation Between Plaque Surface Morphology and Degree of Stenosis on Carotid Angiograms and the Risk of Ischemic Stroke in Patients With Symptomatic Carotid Stenosis, 615
Intracranial Hemorrhage Associated With Thrombolytic Therapy for Elderly Patients With Acute Myocardial Infarction: Results From the Cooperative Cardiovascular Project, 1802
Lipoprotein(a) and the Risk of Stroke, 1194
Low Fasting Plasma Glucose Level as a Predictor of Cardiovascular Disease and All-Cause Mortality, abstract, 2282
Low Risk of Ischemic Stroke in Patients With Reduced Internal Carotid Artery Lumen Diameter Distal to Severe Symptomatic Carotid Stenosis: Cerebral Protection Due to Low Poststenotic Flow? 622
Parental History of Stroke Predicts Subclinical But Not Clinical Stroke: The Atherosclerosis Risk in Communities Study, 2098
Physical Activity and Stroke Mortality in Women: Ten-Year Follow-Up of the Nord-Trøndelag Health Survey, 1984–1986, 14
Plasma Endothelin-1 Levels Neither Increase nor Correlate With Neurological Scores, Stroke Risk Factors, or Outcome in Patients With Ischemic Stroke, 720
Polymorphism in the Promoter of Lipopolysaccharide Receptor CD14 and Ischemic Cerebrovascular Disease, 2661
Poststroke Dementia : Clinical Features and Risk Factors, 1494
Potential of Carotid Enlargement as a Useful Indicator Affected by High Blood Pressure in a Large General Population of a Japanese City: The Suita Study, 2958
Prediction of In-Hospital Mortality After First-Ever Stroke: The Lausanne Stroke Registry, abstract, 241
Prevalence of Potential Risk Factors for Stroke Assessed by Transesophageal Echocardiography and Carotid Ultrasonography: The SPARC Study, abstract, 243
Risk Factors for Peripartum and Postpartum Stroke and Intracranial Venous Thrombosis, 1274
Risk of Stroke in Relation to Level of Blood Pressure and Other Risk Factors in Treated Hypertensive Patients, 48
Serum C-Reactive Protein and Self-Reported Stroke: Findings From the Third National Health and Nutrition Examination Survey, abstract, 2031
Serum Vitamin C Concentration Was Inversely Associated With Subsequent 20-Year Incidence of Stroke in a Japanese Rural Community: The Shibata Study, 2287
Sex Differences in the Relationship of Risk Factors to Subclinical Carotid Atherosclerosis Measured 15 Years Later: The Tromsø Study, 574
Stroke in Children: The Coexistence of Multiple Risk Factors Predicts Poor Outcome, abstract, 1201
Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437
Tissue Plasminogen Activator, Plasminogen Activator Inhibitor-1, and Tissue Plasminogen Activator/Plasminogen Activator Inhibitor-1 Complex as Risk Factors for the Development of a First Stroke, 26
Widening Gap of Stroke Between East and West: Eight-Year Trends in Occurrence and Risk Factors in Russia and Sweden, 2

S

Saline solution, hypertonic
Hypertonic Saline Worsens Infarct Volume After Transient Focal Ischemia in Rats, 1694. Editorial comment, 1701

Seasons
Differing Temporal Patterns of Onset in Subgroups of Patients With Intracerebral Hemorrhage, 1538

Secondary prevention
Secondary Stroke Prevention in Atrial Fibrillation: Lessons From Clinical Practice, 2106
Selectins
Postischemic Cerebrovascular E-Selectin Expression Mediates Tissue Injury in Murine Stroke, 3047. Editorial comment, 3053
Self-help groups
Stroke Knowledge Among Stroke Support Group Members, 1230
Sequence analysis
Mutations in the Tropoelastin Gene (ELN) Were Not Found in Patients With Spontaneous Cervical Artery Dissections, 1935
Shoulder
Effect of Triamcinolone Acetonide Injections on Hemiplegic Shoulder Pain: A Randomized Clinical Trial, 2396
Signal processing, computer-assisted
Evaluation of New Online Automated Embolic Signal Detection Algorithm, Including Comparison With Panel of International Experts, 1335
Signal transduction
Role of Phosphatidylinositol 3-Kinase in Acetylcholine-Induced Dilatation of Rat Basilar Artery, 2487. Editorial comment, 2492
Sinus thrombosis
Endovascular Treatment of Dural Sinus Thrombosis With Rheolytic Thrombectomy and Intra-Arterial Thrombolysis, 1420
Physiologic Variations in Dural Venous Sinus Flow on Phase-Contrast MR Imaging, abstract, 2532
Sleep
Stroke During Sleep: Epidemiological and Clinical Features, abstract, 801
Sleep apnea syndromes
Middle Cerebral Artery Blood Flow Velocity, End-Tidal pCO_2 and Blood Pressure in Patients With Obstructive Sleep Apnea and in Healthy Subjects During Continuous Positive Airway Pressure Breathing, abstract, 998
Small-vessel disease
Stress-Related Primary Intracerebral Hemorrhage: Autopsy Clues to Underlying Mechanism, 1426
Social class
Early Growth, Adult Income, and Risk of Stroke, 869
Influence of Socioeconomic Circumstances in Early and Later Life on Stroke Risk Among Men in a Scottish Cohort Study, 2093
Sodium
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392
Dietary Sodium Intake and Subsequent Risk of Cardiovascular Disease in Overweight Adults, abstract, 995
Sodium nitroprosside
Intrathecal Sodium Nitroprusside Improves Cerebral Blood Flow and Oxygenation in Refractory Cerebral Vasospasm and Ischemia in Humans, letter, 1195. Response, 1196
Solitary nucleus
Solitary Tract Nuclei in Acute Heart Failure, 1187
South Africa
Ischemic Heart Disease in Black South African Stroke Patients, 1294
Spectroscopy, near-infrared
Cerebral Oxygenation Declines in Healthy Elderly Subjects in Response to Assuming the Upright Position, 1615
Reduced Vasomotor Reactivity in Cerebral Microangiopathy: A Study With Near-Infrared Spectroscopy and Transcranial Doppler Sonography, 924
Spectroscopy, nuclear magnetic resonance
N-Acetylaspartate Distribution in Proton Spectroscopic Images of Ischemic Stroke: Relationship to Infarct Appearance on T2-Weighted Magnetic Resonance Imaging, 3008
Diffusion-Weighted MRI and Proton MR Spectroscopic Imaging in the Study of Secondary Neuronal Injury After Intracerebral Hemorrhage, 726
Magnetic Resonance Techniques for the Identification of Patients With Symptomatic Carotid Artery Occlusion at High Risk of Cerebral Ischemic Events, 3001
Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways, 672
Spectrum analysis
Dynamic Regulation of Middle Cerebral Artery Blood Flow Velocity in Aging and Hypertension, 1897
Spinal cord
Cyclin D1 and Cdk4 Protein Induction in Motor Neurons After Transient Spinal Cord Ischemia in Rabbits, 200. Editorial comment, 207
Spinal Cord Ischemia: Development of a Model in the Mouse, 208. Editorial comment, 213
White Matter Injury in Spinal Cord Ischemia: Protection by PA/Kainate Glutamate Receptor Antagonism, 1945. Editorial comment, 1952
Spontaneous echo contrast
Identification Of Echocardiographic "Smoke" in a Bench Model With Transcranial Doppler Ultrasound, 907
Spreading cortical depression
Factors Influencing the Frequency of Fluorescence Transients as Markers of Peri-Infarct Depolarizations in Focal Cerebral Ischemia, 214. Editorial comment, 221
Failure to Demonstrate Peri-Infarct Depolarizations by Repetitive MR Diffusion Imaging in Acute Human Stroke, 2901
Statins
Effects of Statins on Ischemic Stroke: Neuroprotection and/or Triggering of Apoptotic Damage? Letter, 989. Response, 989
Stenosis
Duplex Scanning of the Ophthalmic Artery and Carotid Endarterectomy, letter, 235. Response, 235
Effect of Contralateral Carotid Artery Stenosis on Carotid Ultrasound Velocity Measurements, 2636
Elective Stenting of Symptomatic Basilar Artery Stenosis, 95
Hemostatic Markers in Patients at Risk of Cerebral Ischemia, 1856
Stents
A Case of Cerebral Hemorrhage Early After Carotid Stenting, letter 792. Response, 793
Elective Stenting of Symptomatic Basilar Artery Stenosis, 95
Fatal Cerebral Hemorrhage After Carotid Stenting, letter, 793
Fatal Cerebral Hemorrhage After Carotid Stenting. Response, 794
Identification of Patients at Risk for Periprocedural Neurological Deficits Associated With Carotid Angioplasty and Stenting, 376
Leptomeningeal Enhancement After Carotid Stenting, letter, 2274. Response, 2276
Leptomeningeal Enhancement and Extravasation of Contrast Medium into the CSF Space? Letter, 2275. Response, 2276
Long-Term Outcomes After Carotid Stent Placement For Treatment of Carotid Artery Dissection, abstract, 998
Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NAST-Ineligible Patients, 3029
Unilateral Leptomeningeal Enhancement After Carotid Stent Insertion Detected by Magnetic Resonance Imaging, 848
Stereotactic aspiration
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Steroids
Dehydroepiandrosterone Sulfate Is Neuroprotective in a Reversible Spinal Cord Ischemia Model: Possible Involvement of GA_A Receptors, 1953. Editorial comment, 1957
Effect of Ganaxolone in a Rodent Model of Cerebral Hematoma, 169. Editorial comment, 174
Streptokinase
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis: The Thrombolysis in Acute Stroke Pooling Project, 1555
Stress
Effects of Stress Reduction on Carotid Atherosclerosis in Hypertensive African Americans, 568
Stress, mechanical
Association Between Risk Factors for Atherosclerosis and Mechanical Forces in Carotid Artery, 2319
Stroke
Addendum to the Supplement to the Guidelines for the Management of Transient Ischemic Attacks, 1001
An Uncommon Cause of Recurrent Strokes: Tropheryma whippelii Endocarditis, 2002

Angiotensin II AT_1 Blockade Normalizes Cerebrovascular Autoregulation and Reduces Cerebral Ischemia in Spontaneously Hypertensive Rats, 2478. Editorial comment, 2485
Antioxidant Profile and Early Outcome in Stroke Patients, 2295
Association Between High Homocyst(e)ine and Ischemic Stroke due to Large- and Small-Artery Disease but Not Other Etiologic Subtypes of Ischemic Stroke, 1069
Association of Intraoperative Transcranial Doppler Monitoring Variables With Stroke From Carotid Endarterectomy, 1817
Brain MRI in Patients With Past Lupus-Associated Chorea, 3080
Brain Plasticity and Stroke Rehabilitation: The Willis Lecture, 223
Brain Stem Stroke Causing Baroreflex Failure and Paroxysmal Hypertension, 1997
Brain Tissue Sodium Is a Ticking Clock Telling Time After Arterial Occlusion in Rat Focal Cerebral Ischemia, 1386. Editorial comment, 1392
Carotid Stenosis Determines Impairment of Ipsilateral Dexterity in Stroke, letter, 545. Response, 545
Cervene (Nalmefene) in Acute Ischemic Stroke: Final Results of a Phase III Efficacy Study, 1234
Clinical Meaning of the Stroke-Adapted Sickness Impact Profile-30 and the Sickness Impact Profile-136, 2610
Comparison of Different Clinical Criteria (M-III, ATC, ICD-10, NIN-AIREN, M-IV) for the Diagnosis of Vascular Dementia, 2952
Delayed Treatment With Nicotinamide (Vitamin B_3) Improves Neurological Outcome and Reduces Infarct Volume After Transient Focal Cerebral Ischemia in Wistar Rats, 1679. Editorial comment, 1684
Dietary Potassium Intake and Stroke Mortality, 1532
Early Growth, Adult Income, and Risk of Stroke, 869
Economic Evaluation in Stroke Research: A Systematic Review, 1046
Effect of Triamcinolone Acetonide Injections on Hemiplegic Shoulder Pain: A Randomized Clinical Trial, 2396
Effects of Poststroke Pyrexia on Stroke Outcome: A Meta-Analysis of Studies in Patients, 410
Estrogen Decreases Infarct Size After Temporary Focal Ischemia in a Genetic Model of Type 1 Diabetes Mellitus, 2701. Editorial comment, 2706
Ethnicity and Equity: Missing the Point, letter, 2517. Response, 2517
Ethnicity and Stroke: Beware of the Fallacies, 1013
Evolution of Brain Injury After Transient Middle Cerebral Artery Occlusion in Neonatal Rats, 1752. Editorial comment, 1761
Extracranial Cervical Artery Dissection, letter, 799
Failure to Demonstrate Peri-Infarct Depolarizations by Repetitive MR Diffusion Imaging in Acute Human Stroke, 2901
Feasibility and Safety of Inducing Modest Hypothermia in Awake Patients With Acute Stroke Through Surface Cooling: A Case-Control Study: The Copenhagen Stroke Study, 2251
Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NIN tPA Stroke Trial, 2335
Five-Year Survival After First-Ever Stroke and Related Prognostic Factors in the Perth Community Stroke Study, 2080
Frequencies of Certain Complement Protein Alleles and Serum Levels of Anti-Heat-Shock Protein Antibodies in Cerebrovascular Diseases, 2648
HDL-Cholesterol, Total Cholesterol, and the Risk of Stroke in Middle-Aged British Men, 1882
High Proinsulin Levels Precede First-Ever Stroke in a Nondiabetic Population, 2936
Identification of Patients at Risk for Periprocedural Neurological Deficits Associated With Carotid Angioplasty and Stenting, 376
Incidence of Dementia in Relation to Stroke and the Apolipoprotein E ϵ4 Allele in the Very Old: Findings From a Population-Based Longitudinal Study, 53
Insulin Resistance Syndrome Predicts the Risk of Coronary Heart Disease and Stroke in Healthy Middle-Aged Men: The 22-Year Follow-up Results of the Helsinki Policemen Study, abstract, 1469
Intake of Flavonoids, Carotenoids, Vitamins C and E, and Risk of Stroke in Male Smokers, 2301
International Trends in Mortality From Stroke, 1968 to 1994, 1588
Interrater Reliability of the National Institutes of Health Stroke Scale: Rating by Neurologists and Nurses in a Community-Based Stroke Incidence Study, abstract, 801
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke in Patients Aged 80 Years and Older: The tPA Stroke Survey Experience, 370
Lack of Interleukin-6 Expression Is Not Protective Against Focal Central Nervous System Ischemia, 1715
Lipoprotein(a) and the Risk of Stroke, 1194
Loss of Psychic Self-Activation After Paramedian Bithalamic Infarction, 1762
Low Plasma Antioxidant Activity Is Associated With High Lesion Volume and Neurological Impairment in Stroke, 33
Lubeluzole in Acute Ischemic Stroke Treatment: A Double-Blind Study With an 8-Hour Inclusion Window Comparing a 10-mg Daily Dose of Lubeluzole With Placebo, 2543
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046
Neuroprotective Effects of Female Gonadal Steroids in Reproductively Senescent Female Rats, 161. Editorial comment, 167
Outcome Measures in Acute Stroke Trials: A Systematic Review and Some Recommendations to Improve Practice, 1429
Ovariectomy Exacerbates and Estrogen Replacement Attenuates Photothrombotic Focal Ischemic Brain Injury in Rats, 155. Editorial comment, 160
Polymorphism in the Promoter of Lipopolysaccharide Receptor CD14 and Ischemic Cerebrovascular Disease, 2661
A Population-Based Study of Transient Ischemic Attack Incidence in Novosibirsk, Russia, 1987–1988 and 1996–1997, 9
Poststroke Dementia: Clinical Features and Risk Factors, 1494
Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease: A Population-Based Study, 2628
Prevalence and Impact of Urinary Symptoms Among Community-Dwelling Stroke Survivors, 886
Prevalence of Renal Artery Stenosis in Autopsy Patients With Stroke, 61
Prevalence of Stroke: A Door-to-Door Survey in Rural Bolivia, 882
Proinflammatory Cytokines and Early Neurological Worsening in Ischemic Stroke, 2325
Randomized Controlled Trial of Integrated (Managed) Care Pathway for Stroke Rehabilitation, 1929
A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Compare the Efficacy and Safety of Three Doses of Botulinum Toxin Type A (Dysport) With Placebo in Upper Limb Spasticity After Stroke, 2402
Release of Glial Tissue-Specific Proteins After Acute Stroke: A Comparative Analysis of Serum Concentrations of Protein S-100B and Glial Fibrillary Acidic Protein, 2670
Risk of Stroke in Relation to Level of Blood Pressure and Other Risk Factors in Treated Hypertensive Patients, 48
The rtPA (Alteplase) 0- to 6-Hour Acute Stroke Trial, Part A (A0276g): Results of a Double-Blind, Placebo-Controlled, Multicenter Study, 811
"Self-Fulfilling Prophecy" or Recognition Requires a Concept of Perception, letter, 231. Response, 232
Serum Gamma-Glutamyl Transferase, Self-Reported Alcohol Drinking, and the Risk of Stroke, 1851
A Short Screening Instrument for Poststroke Dementia: The R-CAM-COG, 1502
Specific Transcranial Doppler Flow Findings Related to the Presence and Site of Arterial Occlusion, 140
Stroke and Apolipoprotein E ϵ4 Are Independent Risk Factors for Cognitive Decline: A Population-Based Study, 2431
Stroke During Sleep: Epidemiological and Clinical Features, abstract, 801
Stroke in Estrogen Receptor-α–Deficient Mice, 738. Editorial comment, 744
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691
Stroke Patients in South Madrid: Function and Motor Recovery, Resource Utilization, and Family Support, 1352
Stroke, a Major and Increasing Risk Factor for Femoral Neck Fracture, 1572
Symptomatic Ischemic Stroke in Full-Term Neonates: Role of Acquired and Genetic Prothrombotic Risk Factors, 2437
Treatment-Induced Cortical Reorganization After Stroke in Humans, 1210

Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217
Widening Gap of Stroke Between East and West: Eight-Year Trends in Occurrence and Risk Factors in Russia and Sweden, 2

Stroke assessment
Advantages of Adding Diffusion-Weighted Magnetic Resonance Imaging to Conventional Magnetic Resonance Imaging for Evaluating Acute Stroke, abstract, 3087
Chronic Motor Dysfunction After Stroke: Recovering Wrist and Finger Extension by Electromyography-Triggered Neuromuscular Stimulation 1360
Comparison of Transcranial Color-Coded Duplex Sonography and Cranial CT Measurements for Determining Third Ventricle Midline Shift in Space-Occupying Stroke, abstract, 554
Functional and Neuroanatomic Correlations in Poststroke Depression: The Sunnybrook Stroke Study, 637
Hemodynamic Assessment of Acute Stroke Using Dynamic Single-Slice Computed Tomographic Perfusion Imaging, abstract, 3088
Identifying Stroke in the Field: Prospective Validation of the Los Angeles Prehospital Stroke Screen (LAPSS), 71
Quality of Life Among Stroke Survivors Evaluated 1 Year After Stroke: Experience of a Stroke Unit, 2995
Reliability of Measurements of Muscle Tone and Muscle Power in Stroke Patients, abstract, 2529
Retrospective Assessment of Initial Stroke Severity With the NIH Stroke Scale, 858
The Unreliability of Clinical Measures of Muscle Tone: Implications For Stroke Therapy, abstract, 2529

Stroke classification
Age-Dependent Association of Apolipoprotein E Genotypes With Stroke Subtypes in a Japanese Rural Population, 1299
The Athens Stroke Registry: Results of a Five-Year Hospital-Based Study, abstract, 1791
Coexisting Causes of Ischemic Stroke, abstract, 3085
CVA: Reducing the Risk of a Confused Vascular Analysis: The Feinberg Lecture, 1451
Deteriorating Ischemic Stroke in 4 Clinical Categories Classified by the Oxfordshire Community Stroke Project, 2049
Differences in Stroke Subtypes Among Natives and Caucasians in Boston and Buenos Aires, 2385
Impact on Stroke Subtype Diagnosis of Early Diffusion-Weighted Magnetic Resonance Imaging and Magnetic Resonance Angiography, 1081
Secondary Stroke Prevention in Atrial Fibrillation: Lessons From Clinical Practice, 2106
Should Computed Tomography Appearance of Lacunar Stroke Influence Patient Management? abstract, 803
Validity of Self-Reported Stroke : The Tromsø Study, 1602

Stroke management
Antithrombotic and Antihypertensive Management 3 Months After Ischemic Stroke: A Prospective Study in an Inner City Population, 469
Benefit of an Extended Stroke Unit Service With Early Supported Discharge: A Randomized, Controlled Trial, 2989
Can Readmission After Stroke Be Prevented? Results of a Randomized Clinical Study: A Postdischarge Follow-Up Service for Stroke Survivors, 1038
Carotid Endarterectomy: Characterization of Recent Increases in Procedure Rates, abstract, 2741
Chronic Motor Dysfunction After Stroke: Recovering Wrist and Finger Extension by Electromyography-Triggered Neuromuscular Stimulation 1360
Cilostazol Stroke Prevention Study: A Placebo-Controlled Double-Blind Trial for Secondary Prevention of Cerebral Infarction, abstract, 2739
Effect of Acute Stroke Unit Care Integrated With Care Continuum Versus Conventional Treatment: A Randomized 1-Year Study of Elderly Patients: The Göteborg 70+ Stroke Study, 2578
Emergency Carotid Thromboendarterectomy: Safe and Effective, abstract, 556
Glycine Antagonist (Gavestinel) in Neuroprotection (GAIN International) in Patients With Acute Stroke: A Randomised Controlled Trial, abstract, 2533
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: I, Health Outcomes at 6 Months, 1024
Home or Hospital for Stroke Rehabilitation? Results of a Randomized Controlled Trial: II, Cost Minimization Analysis at 6 Months, 1032
Late Resolution of Diffusion-Weighted MRI Changes in a Patient With Prolonged Reversible Ischemic Neurological Deficit After Thrombolytic Therapy, 2715
Management of Patients With Ruptured Cerebral Aneurysms in Hospital Population of Lithuania, abstract, 2029
Management Patterns and Costs of Acute Ischemic Stroke: An International Study, 582
Open Label Tissue Plasminogen Activator for Stroke: The Oregon Experience, abstract, 550
Perioperative Risk and Late Outcome of Nonelective Carotid Endarterectomy, abstract, 556
Treatment in the Stroke Unit, letter, 2267. Response, 2267
The Unreliability of Clinical Measures of Muscle Tone: Implications For Stroke Therapy, abstract, 2529

Stroke onset
The Athens Stroke Registry: Results of a Five-Year Hospital-Based Study, abstract, 1791
Determinants of Use of Emergency Medical Services in a Population With Stroke Symptoms: The Second Delay in Accessing Stroke Healthcare (DASH II) Study, 2591
Prehospital and Emergency Department Delays After Acute Stroke: The Genentech Stroke Presentation Survey, 2585
Pure Sensory Stroke Caused by a Cerebral Hemorrhage: Clinical-Radiologic Correlations in Seven Patients, abstract, 2032
The Time Concept in Ischemic Stroke: Misleading, letter, 2523. Response, 2524

Stroke outcome
Age Specific Prevalence of Impairment and Disability Relating to Hemiplegic Stroke in the Hai District of Northern Tanzania, abstract, 3086
Apolipoprotein E Polymorphism: Survival and Neurological Outcome After Cardiopulmonary Resuscitation, 2068
Can Readmission After Stroke Be Prevented? Results of a Randomized Clinical Study: A Postdischarge Follow-Up Service for Stroke Survivors, 1038
Cerebrospinal Fluid Creatine Kinase-BB Isoenzyme Activity and Outcome After Subarachnoid Hemorrhage, abstract, 549
Cognition Following Subarachnoid Hemorrhage From Anterior Communicating Artery Aneurysm: Relation to Timing of Surgery, abstract, 240
Correlates of Informant-Rated Cognitive Decline After Stroke, abstract, 2281
Correlation of Cerebral Hemodynamic Changes During Mental Activity and Recovery After Stroke, abstract, 2739
Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346
Depression and Other Determinants of Values Placed on Current Health State by Stroke Patients: Evidence From the VA Acute Stroke (VASt) Study, 2603
Deteriorating Ischemic Stroke in 4 Clinical Categories Classified by the Oxfordshire Community Stroke Project, 2049
Does Prior Use of Aspirin Affect Outcome in Ischemic Stroke? abstract, 2033
Domiciliary Occupational Therapy For Patients With Stroke Discharged From Hospital: Randomised Controlled Trial, abstract, 1795
Effect of Acute Stroke Unit Care Integrated With Care Continuum Versus Conventional Treatment: A Randomized 1-Year Study of Elderly Patients: The Göteborg 70+ Stroke Study, 2578
Effectiveness of t-PA in Acute Ischemic Stroke: Outcome Relates to Appropriateness, abstract, 1468
Emotional Outcomes After Stroke: Factors Associated With Poor Outcome, abstract, 1200
Evaluation of Measures Used to Assess Quality of Life After Stroke, 2004
Facilitating Data Collection in Stroke Patients and the Elderly, 3081
Functional and Neuroanatomic Correlations in Poststroke Depression: The Sunnybrook Stroke Study, 637
Functional Outcome and Quality of Life After Angiography and Operation For Unruptured Intracranial Aneurysms, abstract, 2280
Genetic Predisposition to Stroke in Relatives of Hypertensives, 487

Health-Related Quality of Life Among Long-Term Survivors of Stroke: Results From the Auckland Stroke Study, 1991–1992, 440
Influence of Raised Plasma Osmolality on Clinical Outcome After Acute Stroke, 2043
Is Early Ischemic Lesion Volume on Diffusion-Weighted Imaging an Independent Predictor of Stroke Outcome? A Multivariable Analysis, 2597
Is Transcranial Magnetic Stimulation of the Motor Cortex a Prognostic Tool for Motor Recovery After Stroke? Letter, 1463. Response, 1464
Ischemic Preconditioning and Tolerance in Human Brain, letter, 2272. Response, 2272
Medical Complications After Stroke: A Multicenter Study, 1223
Nitric Oxide–Related Brain Damage in Acute Ischemic Stroke, 852
A Pilot Study of Somatotopic Mapping After Cortical Infarct, 668
Plasma Endothelin-1 Levels Neither Increase nor Correlate With Neurological Scores, Stroke Risk Factors, or Outcome in Patients With Ischemic Stroke, 720
Poststroke Depression and Emotional Incontinence: Correlation With Lesion Location, abstract, 2030
Prediction of In-Hospital Mortality After First-Ever Stroke: The Lausanne Stroke Registry, abstract, 241
A Predictive Risk Model for Outcomes of Ischemic Stroke, 448
Predictors of Survival Among Elders Suffering Strokes in Taiwan: Observation From a Nationally Representative Sample, 2354
Prospective Study of the Outcomes of Ambulatory Patients With Excessive Warfarin Anticoagulation, abstract, 2533
Quality of Life Among Stroke Survivors Evaluated 1 Year After Stroke: Experience of a Stroke Unit, 2995
The Quest for Early Predictors of Stroke Evolution: Can TCD Be a Guiding Light? 2942
Reliability of Measurements of Muscle Tone and Muscle Power in Stroke Patients, abstract, 2529
Role of a Stroke Data Bank in Evaluating Cerebral Infarction Subtypes: Patterns and Outcome of 1,776 Consecutive Patients From the Besançon Stroke Registry, abstract, 2736
Secondary Decline in Apparent Diffusion Coefficient and Neurological Outcomes After a Short Period of Focal Brain Ischemia in Rats, abstract, 3087
Severe Disability at Hospital Discharge in Ischemic Stroke Survivors, abstract, 1468
Stroke in Children: The Coexistence of Multiple Risk Factors Predicts Poor Outcome, abstract, 1201
Stroke Patients in South Madrid: Function and Motor Recovery, Resource Utilization, and Family Support, 1352
There's No Place Like Home... for Some, letter, 2521. Response, 2522
Toward More Rational Prediction of Outcome in Patients With High-Grade Subarachnoid Hemorrhage, abstract, 1200
Treatment in the Stroke Unit, letter, 2267
Trends in Stroke Incidence and Acute Case Fatality in a Japanese Rural Area : The Oyabe Study, 1583
Validity and Reliability of a Quantitative Computed Tomography Score in Predicting Outcome of Hyperacute Stroke Before Thrombolytic Therapy, abstract, 2283
Who Benefits From Treatment and Rehabilitation in a Stroke Unit? A Community-Based Study, 434

Stroke prevention

Adverse Outcomes and Predictors of Underuse of Antithrombotic Therapy in Medicare Beneficiaries With Chronic Atrial Fibrillation, 822
Anticardiolipin Antibodies Are an Independent Risk Factor For Ischemic Stroke, abstract, 802
Anticoagulant Patient Information Material Is Written at High Readability Levels, 2966
Behavioral Risk Factor Prevalence and Lifestyle Change After Stroke: A Prospective Study, 1877
Cholesterol Reduction and Stroke Occurrence: An Overview of Randomized Clinical Trials, abstract, 1796
Comparison of Risk Factors for Stroke Incidence and Stroke Mortality in 20 Years of Follow-Up in Men and Women in the Renfrew/Paisley Study in Scotland, 1893
Effect of Treating Isolated Systolic Hypertension on the Risk of Developing Various Types and Subtypes of Stroke: The Systolic Hypertension in the Elderly Program (SHEP), abstract, 2739
Efficacy of 3-Hydroxy-3-Methyglutaryl Coenzyme A Reductase Inhibitors For Prevention of Stroke, abstract, 1204
Elevated Serum Levels of Methylmalonic Acid and Homocysteine in Elderly People: A Population-Based Intervention Study, abstract, 1204
Interrater Reliability of the National Institutes of Health Stroke Scale: Rating by Neurologists and Nurses in a Community-Based Stroke Incidence Study, abstract, 801
J-Shaped Relation Between Blood Pressure and Stroke in Treated Hypertensives, abstract, 1201
Physical Activity and Stroke Mortality in Women: Ten-Year Follow-Up of the Nord-Trøndelag Health Survey, 1984–1986, 14
Reduction in the Need for Hospitalization for Recurrent Ischemic Events and Bleeding With Clopidogrel Instead of Aspirin, abstract, 3084
Serum C-Reactive Protein and Self-Reported Stroke: Findings From the Third National Health and Nutrition Examination Survey, abstract, 2031

Stroke trials

Measuring Outcomes in Acute Stroke Trials. Letter to the Editor, 232
Benefit of an Extended Stroke Unit Service With Early Supported Discharge: A Randomized, Controlled Trial, 2989

Stroke units

Benefit of an Extended Stroke Unit Service With Early Supported Discharge: A Randomized, Controlled Trial, 2989
Effect of Acute Stroke Unit Care Integrated With Care Continuum Versus Conventional Treatment: A Randomized 1-Year Study of Elderly Patients: The Göteborg 70+ Stroke Study, 2578
Resource Utilization and Costs of Stroke Unit Care Integrated in a Care Continuum: A 1-Year Controlled, Prospective, Randomized Study in Elderly Patients: The Göteborg 70+ Stroke Study, 2569
Treatment in the Stroke Unit, letter, 2267
Who Benefits From Treatment and Rehabilitation in a Stroke Unit? A Community-Based Study, 434

Stroke, acute

Activation of Emergency Medical Services for Acute Stroke in a Nonurban Population: The T.L.L. Temple Foundation Stroke Project, 1925
Acute Ischemic Stroke: Polymorphonuclear Leukocyte Membrane Fluidity and Cytosolic Ca^{2+} Concentration at Baseline and After Chemotactic Activation, 1578
Body Iron Stores and Early Neurologic Deterioration in Acute Cerebral Infarction, abstract, 2030
Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking After Acute Stroke in Pigs: Comparison With $[^{15}O]H_2O$ Positron Emission Tomography, 1958. Editorial comment, 1964
Cilostazol Stroke Prevention Study: A Placebo-Controlled Double-Blind Trial for Secondary Prevention of Cerebral Infarction, abstract, 2739
Cochrane Report: A Systematic Review of Mannitol Therapy for Acute Ischemic Stroke and Cerebral Parenchymal Hemorrhage, 2719
Combined Intravenous and Intra-Arterial Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke, 2552
Detection of Early CT Signs of >⅓ Middle Cerebral Artery Infarctions: Interrater Reliability and Sensitivity of CT Interpretation by Physicians Involved in Acute Stroke Care, 1667
Determinants of Use of Emergency Medical Services in a Population With Stroke Symptoms: The Second Delay in Accessing Stroke Healthcare (DASH II) Study, 2591
Development of an Ischemic Stroke Survival Score, 2414
Diffusion- and Perfusion-Weighted MRI: Influence of Severe Carotid Artery Stenosis on the DWI/PWI Mismatch in Acute Stroke, 1311
Does Feeding Alter Arterial Oxygen Saturation in Patients With Acute Stroke? 2134
Early $[^{11}C]$Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Early X-Ray Hypoattenuation of Brain Parenchyma Indicates Extended Critical Hypoperfusion in Acute Stroke, 133

Effect of Intravenous Nimodipine on Blood Pressure and Outcome After Acute Stroke, 1250
High Rate of Complete Recanalization and Dramatic Clinical Recovery During tPA Infusion When Continuously Monitored With 2-MHz Transcranial Doppler Monitoring, 610. Letter, 3080. Response, 3080
Identifying Stroke in the Field: Prospective Validation of the Los Angeles Prehospital Stroke Screen (LAPSS), 71
Indications for Early Aspirin Use in Acute Ischemic Stroke: A Combined Analysis of 40 000 Randomized Patients From the Chinese Acute Stroke Trial and the International Stroke Trial, 1240
Infarct Volume, Neurological Severity and PAF Binding to Platelets of Patients With Acute Cerebral Ischemic Stroke, abstract, 803
Influence of Admission Body Temperature on Stroke Mortality, 404
Intra-Arterial Cerebral Thrombolysis For Acute Ischemic Stroke in a Community Hospital, abstract, 805
Intra-Arterial Prourokinase For Acute Ischemic Stroke: The PROACT II Study: A Randomized Controlled Trial, abstract, 999
Intravenous Ancrod For Treatment of Acute Ischemic Stroke—The STAT Study: A Randomized Controlled Trial, abstract, 2284
Intravenous Tissue-Type Plasminogen Activator For Treatment of Acute Stroke: The Standard Treatment With Alteplase to Reverse Stroke (STARS) Study, abstract, 1796
Is Decompressive Craniectomy for Acute Cerebral Infarction of Any Benefit? abstract, 2285
Is Early Ischemic Lesion Volume on Diffusion-Weighted Imaging an Independent Predictor of Stroke Outcome? A Multivariable Analysis, 2597
Low Molecular-Weight Heparin Versus Aspirin in Patients With Acute Ischaemic Stroke and Atrial Fibrillation: A Double-Blind Randomised Study, abstract, 2285
Microembolic Signal Monitoring in Hemispheric Acute Ischaemic Stroke: A Prospective Study, abstract, 2738
Motor Strokes Sparing the Leg: Different Lesions and Causes, abstract, 2030
Nitric Oxide–Related Brain Damage in Acute Ischemic Stroke, 852
One-Year Follow-Up in Acute Stroke Patients Treated With rtPA in Clinical Routine, 1552
Phase II Studies of the Glycine Antagonist GV150526 in Acute Stroke: The North American Experience, 358
Prediction of Malignant Middle Cerebral Artery Infarction by Diffusion-Weighted Imaging, 2175
Prehospital and Emergency Department Delays After Acute Stroke: The Genentech Stroke Presentation Survey, 2585
Radiological Diagnosis of Acute Stroke: Comparison of Conventional MR Imaging, Echo-Planar Diffusion-Weighted Imaging, and Spin-Echo Diffusion-Weighted Imaging, abstract, 244
Recombinant Tissue-Type Plasminogen Activator (Alteplase) For Ischemic Stroke 3 to 5 Hours After Symptom Onset: The ATLANTIS Study: A Randomized Controlled Trial, abstract, 998
Relationship Between Apparent Diffusion Coefficient and Subsequent Hemorrhagic Transformation Following Acute Ischemic Stroke, 2378
Relationship Between Pattern of Intracranial Artery Abnormalities on Transcranial Doppler and Oxfordshire Community Stroke Project Clinical Classification of Ischemic Stroke, 714
Selfotel in Acute Ischemic Stroke: Possible Neurotoxic Effects of an NMDA Antagonist, 347
Serial Measurement of Vascular Endothelial Growth Factor and Transforming Growth Factor-β1 in Serum of Patients With Acute Ischemic Stroke, 1863
Sex Differences and Similarities in the Management and Outcome of Stroke Patients, 1833
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 688
Significance of Acute Multiple Brain Infarction on Diffusion-Weighted Imaging, 2270. Response, 2271
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis: The Thrombolysis in Acute Stroke Pooling Project, 1555
Systematic Review of Diffusion and Perfusion Imaging in Acute Ischemic Stroke, 2723
TCD in Acute Stroke, letter, 234. Response, 234
Timing of Recanalization After Tissue Plasminogen Activator Therapy Determined by Transcranial Doppler Correlates With Clinical Recovery From Ischemic Stroke, 1812
Tissue Plasminogen Activator and Plasminogen Activator Inhibitor in Patients With Acute Ischemic Stroke: Relation to Stroke Etiology, abstract, 994
Transient Focal Neurological Deficits During Pregnancy in Carriers of Inherited Thrombophilia, 892
Trials of Thrombolysis in Acute Ischemic Stroke: Does the Choice of Primary Outcome Measure Really Matter? 1133
Use of Tissue-Type Plasminogen Activator For Acute Ischemic Stroke: The Cleveland Area Experience, abstract, 1796
Which Parameters of Beat-to-Beat Blood Pressure and Variability Best Predict Early Outcome After Acute Ischemic Stroke? 463

Stroke, chronic
Constraint-Induced Movement Therapy and Massed Practice, letter, 986. Response, 988

Stroke, experimental
Biphasic Opening of the Blood-Brain Barrier Following Transient Focal Ischemia: Effects of Hypothermia, abstract, 803
Cell Death After Exposure to Subarachnoid Hemolysate Correlates Inversely With Expression of CuZn-Superoxide Dismutase, 2450. Editorial comment, 2458
Cognitive Deficits After Focal Cerebral Ischemia in Mice, 1939. Editorial comment, 1944
Early Exclusive Use of the Affected Forelimb After Moderate Transient Focal Ischemia in Rats: Functional and Anatomic Outcome, 1144. Editorial comment, 1151
The Effect of Mild Hypothermia, Mannitol, and Insulin-Induced Hypoglycaemia on Ischaemic Infarct Volume in the Early Period After Permanent Middle Cerebral Artery Occlusion in the Rat, abstract, 552
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals, 1173
Progesterone Exacerbates Striatal Stroke Injury in Progesterone-Deficient Female Animals. Editorial comment, 1178
Time Window for Clinical Effectiveness of Mass Evacuation in a Rat Balloon Model Mimicking an Intraparenchymatous Hematoma, abstract, 2032

Stroke, hemorrhagic
Control of Blood Pressure and Risk of Stroke Among Pharmacologically Treated Hypertensive Patients, 420
Genetic Variants of Platelet Glycoprotein Receptors and Risk of Stroke in Young Women, 1628
Hemorrhagic Lacunar Stroke, abstract, 2281

Stroke, ischemic
α_1-Antichymotrypsin Gene Polymorphism in Patients With Stroke, 2103
Abciximab in Acute Ischemic Stroke: A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study, 601
Acute Ischemic Stroke: Polymorphonuclear Leukocyte Membrane Fluidity and Cytosolic Ca^{2+} Concentration at Baseline and After Chemotactic Activation, 1578
Amnesia due to Fornix Infarction, 1418
Antiphosphatidyl Serine Antibodies are Independently Associated With Ischemic Stroke, abstract, 551
Aortic Atheroma Morphology and the Risk of Ischemic Stroke in a Multiethnic Population, abstract, 1468
Association Between High Homocyst(e)ine and Ischemic Stroke due to Large- and Small-Artery Disease but Not Other Etiologic Subtypes of Ischemic Stroke, 1069
C242T Polymorphism of NADPH Oxidase p22 *PHOX* Gene and Ischemic Cerebrovascular Disease in the Japanese Population, 936
Chlamydia pneumoniae Infection and PFO-Associated Ischemic Stroke, 2519. Response, 2520
Coexisting Causes of Ischemic Stroke, abstract, 3085
Combined Intravenous and Intra-Arterial Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke, 2552
Control of Blood Pressure and Risk of Stroke Among Pharmacologically Treated Hypertensive Patients, 420

Disturbed Diffusion and X-Ray Hypoattenuation in Acute Stroke, letter, 232. Response, 233
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Effects of Statins on Ischemic Stroke: Neuroprotection and/or Triggering of Apoptotic Damage? Letter, 989. Response, 989
Factor V Leiden and Antiphospholipid Antibodies Are Significant Risk Factors for Ischemic Stroke in Children, 1283
Fruit and Vegetable Intake in Relation to Risk of Ischemic Stroke, abstract, 552
Gender Differences in the Risk of Ischemic Stroke Associated With Aortic Atheromas, 2623
Genetic Variants of Platelet Glycoprotein Receptors and Risk of Stroke in Young Women, 1628
Indications for Early Aspirin Use in Acute Ischemic Stroke: A Combined Analysis of 40 000 Randomized Patients From the Chinese Acute Stroke Trial and the International Stroke Trial, 1240
Induced Elevation of Blood Pressure in the Acute Phase of Ischemic Stroke in Humans. Letter to the Editor, 546
Interrelation Between Plaque Surface Morphology and Degree of Stenosis on Carotid Angiograms and the Risk of Ischemic Stroke in Patients With Symptomatic Carotid Stenosis, 615
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke: A Canadian Hospital's Experience, 2920
Low-Molecular-Weight Heparins and Heparinoids in Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials, 1770
Low Risk of Ischemic Stroke in Patients With Reduced Internal Carotid Artery Lumen Diameter Distal to Severe Symptomatic Carotid Stenosis: Cerebral Protection Due to Low Poststenotic Flow? 622
Magnetic Resonance Perfusion Imaging in Acute Ischemic Stroke Using Continuous Arterial Spin Labeling, 680
Medical Complications of Ischemic Stroke and Length of Hospital Stay: Experience in Seattle, Washington, abstract, 552
MRI Pontine Hyperintensity After Supratentorial Ischemic Stroke Relates to Poor Clinical Outcome, 695
Oxidative Stress in the Context of Acute Cerebrovascular Stroke, 1889
Parental History of Stroke Predicts Subclinical But Not Clinical Stroke: The Atherosclerosis Risk in Communities Study, 2098
A Predictive Risk Model for Outcomes of Ischemic Stroke, 448
Prospective Study of Markers of Hemostatic Function With Risk of Ischemic Stroke, abstract, 241
Selfotel in Acute Ischemic Stroke: Possible Neurotoxic Effects of an NMDA Antagonist, 347
Serial Measurement of Vascular Endothelial Growth Factor and Transforming Growth Factor-β1 in Serum of Patients With Acute Ischemic Stroke, 1863
Significant Association of Atrial Vulnerability With Atrial Septal Abnormalities in Young Patients With Ischemic Stroke of Unknown Cause, 398
Systematic Review of Diffusion and Perfusion Imaging in Acute Ischemic Stroke, 2723
Tirilazad Mesylate in Acute Ischemic Stroke: A Systematic Review, 2257
tPA: A Rural Network Experience, letter, 1457. Response, 1457
Treating Acute Stroke Patients With Intravenous tPA: The OSF Stroke Network Experience, 77
Verifying the Stroke-Free Phenotype by Structured Telephone Interview, 1076
Which Parameters of Beat-to-Beat Blood Pressure and Variability Best Predict Early Outcome After Acute Ischemic Stroke? 463
Which Targets Are Relevant for Therapy of Acute Ischemic Stroke? 984. Response, 986

Subarachnoid hemorrhage

Adrenomedullin in Patients With Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 3082
Aneurysms in Relatives of Patients With Subarachnoid Hemorrhage: Frequency and Risk Factors, abstract, 550
Antifibrinolytic Treatment in Subarachnoid Hemorrhage: A Randomized Placebo-Controlled Trial, abstract, 993
Brain Natriuretic Peptide and Cerebral Vasospasm in Subarachnoid Hemorrhage: Clinical and TCD Correlations, 118
Cell Death After Exposure to Subarachnoid Hemolysate Correlates Inversely With Expression of CuZn-Superoxide Dismutase, 2450. Editorial comment, 2458
Cerebrospinal Fluid Creatine Kinase-BB Isoenzyme Activity and Outcome After Subarachnoid Hemorrhage, abstract, 549
Cerebrospinal Fluid Creatine Kinase-BB Isoenzyme Activity and Outcome After Subarachnoid Hemorrhage, abstract, 800
Chronic Hydrocephalus in Elderly Patients Following Subarachnoid Hemorrhage, abstract, 2029
CT Angiography for the Detection of Cerebral Vasospasm in Patients With Acute Subarachnoid Hemorrhage, abstract, 2737
Decreased Nitric Oxide Availability Contributes to Acute Cerebral Ischemia After Subarachnoid Hemorrhage, abstract, 2734
Disturbance of Cerebral Blood Flow Autoregulation in Hypertension is Attributable to Ischaemia Following Subarachnoid Haemorrhage in Rats: A PET Study, abstract, 1199
Effect of Adenovirus-Mediated Nitric Oxide Synthase Gene Transfer on Vasospasm After Experimental Subarachnoid Hemorrhage, abstract, 2280
Effect of an Antioxidant, Ebselen, on Development of Chronic Cerebral Vasospasm After Subarachnoid Hemorrhage in Primates, abstract, 2529
Effect of Endovascular Services and Hospital Volume on Cerebral Aneurysm Treatment Outcomes, 111
Effect of Hypervolemic Therapy on Cerebral Blood Flow After Subarachnoid Hemorrhage: A Randomized Controlled Trial, 383
Effects of Graded Hyperventilation on Cerebral Blood Flow Autoregulation in Experimental Subarachnoid Hemorrhage, abstract, 2029
Endothelin-1 in Subarachnoid Hemorrhage: An Acute-Phase Reactant Produced by Cerebrospinal Fluid Leukocytes, 2971
Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms: Clinical and Angiographic Outcomes, 100
Epidemiology of Aneurysmal Subarachnoid Hemorrhage in Australia and New Zealand: Incidence and Case Fatality From the Australasian Cooperative Research on Subarachnoid Hemorrhage Study (ACROSS), 1843
Factors Associated With Aneurysm Size in Patients With Subarachnoid Hemorrhage: Effect of Smoking and Aneurysm Location, abstract, 1200
Factors Associated With Hydrocephalus After Aneurysmal Subarachnoid Hemorrhage, abstract, 801
False Localization of Rupture Site in Patients With Multiple Cerebral Aneurysms and Subarachnoid Hemorrhage, abstract, 2280
High Incidence of Hyponatremia in Patients With Ruptured Anterior Communicating Artery Aneurysms, abstract, 2029
Impact of Cerebral Microcirculatory Changes on Cerebral Blood Flow During Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 1621
Improved Efficiency of Hypervolemic Therapy With Inhibition of Natriuresis by Fludrocortisone in Patients With Aneurysmal Subarachnoid Hemorrhage, abstract, 993
Improvement in Cerebral Blood Flow and Metabolism Following Subarachnoid Hemorrhage in Response to Prophylactic Administration of the Hydroxyl Radical Scavenger; AVS; (±)-N;N'-Propylenedinicotinamide: A Positron Emission Tomography Study in Rats, abstract, 3084
Increased Cerebral Blood Flow but No Reversal or Prevention of Vasospasm in Response to L-Arginine Infusion After Subarachnoid Hemorrhage, abstract, 1199
Increased Sympathetic Nervous Activity in Patients With Nontraumatic Subarachnoid Hemorrhage, 901
Induction of Heat Shock Protein 70 in the Rat Brain Following Intracisternal Infusion of Autologous Blood: Evaluation of Acute Neuronal Damage, abstract, 804
Initial Hyperglycemia as an Indicator of Severity of the Ictus in Poor-Grade Patients With Spontaneous Subarachnoid Hemorrhage, abstract, 2734
A Multinational Comparison of Subarachnoid Hemorrhage Epidemiology in the WHO MONICA Stroke Study, 1054
The Notion of "Warning Leaks" in Subarachnoid Haemorrhage: Are Such Patients in Fact Admitted With a Rebleed? abstract, 1791
Outcomes of Early Endovascular Versus Surgical Treatment of Ruptured Cerebral Aneurysms: A Prospective Randomized Study, 2369

Plasma Endothelin Concentrations After Aneurysmal Subarachnoid Hemorrhage, abstract, 1791
Randomized Pilot Trial of Postoperative Aspirin in Subarachnoid Hemorrhage, abstract, 1467
The Relation Between Aneurysm Size and Outcome in Patients With Subarachnoid Hemorrhage, abstract, 2528
Reversal of Cerebral Vasospasm by the Nitric Oxide Donor SNAP in An Experimental Model of Subarachnoid Haemorrhage, abstract, 1467
Risk Factors for Multiple Intracranial Aneurysms, 392
Risk of Subarachnoid Haemorrhage in First Degree Relatives of Patients With Subarachnoid Haemorrhage: Follow Up Study Based on National Registries in Denmark, abstract, 1467
Subarachnoid Hemorrhage Induced Sympathoexcitation Arises Due to Changes in Endothelin and/or Nitric Oxide Activity, abstract, 1791
Systemic Administration of Mexiletine for Attenuation of Cerebral Vasospasm Following Experimental Subarachnoid Haemorrhage, abstract, 2528
Thin and Thick Filament Regulation of Contractility in Experimental Cerebral Vasospasm, abstract, 1468
Thrombin Reduces Cerebral Arterial Contractions Caused by Cerebrospinal Fluid From Patients With Subarachnoid Hemorrhage, 2149
Time-Course of Blood-Brain Barrier Permeability Changes After Experimental Subarachnoid Haemorrhage, abstract, 3084
Toward More Rational Prediction of Outcome in Patients With High-Grade Subarachnoid Hemorrhage, abstract, 1200
Urokinase Cisternal Irrigation Therapy for Prevention of Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Study of Urokinase Concentration and the Fibrinolytic System, 1256

Subcortical infarction
Internal Borderzone Infarction: A Marker for Severe Stenosis in Patients With Symptomatic Internal Carotid Artery Disease, 631

Sumatriptan
Vasoneuronal Coupling in Migraineurs After Subcutaneous Sumatriptan: A TCD Study, abstract, 554

Superoxide dismutase
Cell Death After Exposure to Subarachnoid Hemolysate Correlates Inversely With Expression of CuZn-Superoxide Dismutase, 2450. Editorial comment, 2458
Stroke Outcome in Double-Mutant Antioxidant Transgenic Mice, 2685. Editorial comment, 2691

Surgery
Association of Intraoperative Transcranial Doppler Monitoring Variables With Stroke From Carotid Endarterectomy, 1817
Determinants of Neurological Outcome After Surgery for Brain Arteriovenous Malformation, 2361
Neurobehavioral Outcome Prediction After Cardiac Surgery: Role of Neurobiochemical Markers of Damage to Neuronal and Glial Brain Tissue, 645
Outcomes of Early Endovascular Versus Surgical Treatment of Ruptured Cerebral Aneurysms: A Prospective Randomized Study, 2369
Surgery in Intracerebral Hemorrhage: The Uncertainty Continues, 2511

Surgical treatment
Late Angiographic Follow-Up Review of Surgically Treated Aneurysms, abstract, 240
Attitudes of Canadian and U.S. Neurologists Regarding Carotid Endarterectomy For Asymptomatic Stenosis, abstract, 2534
Comparison of Carotid Endarterectomy Using Primary Closure, Patch Closure, and Eversion Techniques, abstract, 1205
Effect of Endovascular Services and Hospital Volume on Cerebral Aneurysm Treatment Outcomes, 111
Eversion Versus Conventional Carotid Endarterectomy: Late Results of a Prospective Multicenter Randomized Trial, abstract, 1473
Improving the Outcomes of Carotid Endarterectomy: Results of a Statewide Quality Improvement Project, abstract, 2741
Is Decompressive Craniectomy for Acute Cerebral Infarction of Any Benefit? abstract, 2285
A Prospective Randomized Study on Bilateral Carotid Endarterectomy: Patching Versus Eversion, abstract, 2740
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Surgical Reconstruction of the Extracranial Vertebral Artery: Management and Outcome, abstract, 1472

Survival
Development of an Ischemic Stroke Survival Score, 2414
Five-Year Survival After First-Ever Stroke and Related Prognostic Factors in the Perth Community Stroke Study, 2080
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
Predictors of Survival Among Elders Suffering Strokes in Taiwan: Observation From a Nationally Representative Sample, 2354

Sweden
Increased Stroke Incidence in Lund-Orup, Sweden, Between 1983 to 1985 and 1993 to 1995, 481
Resource Utilization and Costs of Stroke Unit Care Integrated in a Care Continuum: A 1-Year Controlled, Prospective, Randomized Study in Elderly Patients: The Göteborg 70+ Stroke Study, 2569

Sympathetic nervous system
Cardiovascular, Autonomic, and Plasma Catecholamine Responses in Unilateral and Bilateral Carotid Artery Stenosis, abstract, 550
Increased Sympathetic Nervous Activity in Patients With Nontraumatic Subarachnoid Hemorrhage, 901

T

Temperature
Influence of Admission Body Temperature on Stroke Mortality, 404

Thalamus
Improved Functional Outcome in Patients With Hemorrhagic Stroke in Putamen and Thalamus Compared With Those With Stroke Restricted to the Putamen or Thalamus, 1365
Loss of Psychic Self-Activation After Paramedian Bithalamic Infarction, 1762

Therapy
Cervene (Nalmefene) in Acute Ischemic Stroke: Final Results of a Phase III Efficacy Study, 1234
Phase II Studies of the Glycine Antagonist GV150526 in Acute Stroke: The North American Experience, 358
The rtPA (Alteplase) 0- to 6-Hour Acute Stroke Trial, Part A (A0276g): Results of a Double-Blind, Placebo-Controlled, Multicenter Study, 811
Which Targets Are Relevant for Therapy of Acute Ischemic Stroke? 984. Response, 986

Thrombectomy
Endovascular Treatment of Dural Sinus Thrombosis With Rheolytic Thrombectomy and Intra-Arterial Thrombolysis, 1420

Thrombin
Thrombin Reduces Cerebral Arterial Contractions Caused by Cerebrospinal Fluid From Patients With Subarachnoid Hemorrhage, 2149

Thrombocytopenia
Neurologic Complications in Immune-Medicated Heparin-Induced Thrombocytopenia, abstract, 1796

Thromboembolism
Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217

Thrombolysis
Combined Intravenous and Intra-Arterial Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke, 2552
Decreased Perihematomal Edema in Thrombolysis-Related Intracerebral Hemorrhage Compared With Spontaneous Intracerebral Hemorrhage, 596
DIAS I: Duplex-Sonographic Assessment of the Cerebrovascular Status in Acute Stroke: A Useful Tool for Future Stroke Trials, 2342
The Effect of Acute Ingestion of a Large Dose of Alcohol on the Hemostatic System and Its Circadian Variation, 1269
Effect of Intravenous Recombinant Tissue Plasminogen Activator on Ischemic Stroke Lesion Size Measured by Computed Tomography, 2912
Endovascular Treatment of Dural Sinus Thrombosis With Rheolytic Thrombectomy and Intra-Arterial Thrombolysis, 1420

Factors Affecting Survival Rates for Acute Vertebrobasilar Artery Occlusions Treated With Intra-Arterial Thrombolytic Therapy: A Meta-Analytical Approach, abstract, 246
High Rate of Complete Recanalization and Dramatic Clinical Recovery During tPA Infusion When Continuously Monitored With 2-MHz Transcranial Doppler Monitoring, 610. Letter, 3080. Response, 3080
Intracranial Clot Dissolution Is Associated With Embolic Signals on Transcranial Doppler, abstract, 1204
Monitoring Intravenous Recombinant Tissue Plasminogen Activator Thrombolysis for Acute Ischemic Stroke With Diffusion and Perfusion MRI, 1318
Relationship Between Apparent Diffusion Coefficient and Subsequent Hemorrhagic Transformation Following Acute Ischemic Stroke, 2378
Reperfusion and Metabolic Recovery of Brain Tissue and Clinical Outcome After Ischemic Stroke and Thrombolytic Therapy, 1545
The rtPA (Alteplase) 0- to 6-Hour Acute Stroke Trial, Part A (A0276g): Results of a Double-Blind, Placebo-Controlled, Multicenter Study, 811
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Streptokinase in Acute Ischemic Stroke: An Individual Patient Data Meta-Analysis: The Thrombolysis in Acute Stroke Pooling Project, 1555
Timing of Recanalization After Tissue Plasminogen Activator Therapy Determined by Transcranial Doppler Correlates With Clinical Recovery From Ischemic Stroke, 1812
Transcranial Doppler Ultrasound Criteria for Recanalization After Thrombolysis for Middle Cerebral Artery Stroke, 1128
Treating Acute Stroke Patients With Intravenous tPA: The OSF Stroke Network Experience, 77
Usefulness of Postischemic Thrombolysis With or Without Neuroprotection in a Focal Embolic Model of Cerebral Ischemia, abstract, 2282

Thrombolytic therapy
Detection of Early CT Signs of 3/3 Middle Cerebral Artery Infarctions: Interrater Reliability and Sensitivity of CT Interpretation by Physicians Involved in Acute Stroke Care, 1667
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Intra-Arterial Prourokinase For Acute Ischemic Stroke: The PROACT II Study: A Randomized Controlled Trial, abstract, 999
Intracranial Hemorrhage Associated With Thrombolytic Therapy for Elderly Patients With Acute Myocardial Infarction: Results From the Cooperative Cardiovascular Project, 1802
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke in Patients Aged 80 Years and Older: The tPA Stroke Survey Experience, 370
Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke: A Canadian Hospital's Experience, 2920
Late Resolution of Diffusion-Weighted MRI Changes in a Patient With Prolonged Reversible Ischemic Neurological Deficit After Thrombolytic Therapy, 2715
One-Year Follow-Up in Acute Stroke Patients Treated With rtPA in Clinical Routine, 1552
Recombinant Tissue-Type Plasminogen Activator (Alteplase) For Ischemic Stroke 3 to 5 Hours After Symptom Onset: The ATLANTIS Study: A Randomized Controlled Trial, abstract, 998
Trials of Thrombolysis in Acute Ischemic Stroke: Does the Choice of Primary Outcome Measure Really Matter? 1133

Thrombophilia
Factor V Leiden and Antiphospholipid Antibodies Are Significant Risk Factors for Ischemic Stroke in Children, 1283
Transient Focal Neurological Deficits During Pregnancy in Carriers of Inherited Thrombophilia, 892

Thrombosis
Antithrombotic Effects of Abciximab, abstract, 2282
Association Between Platelet Glycoprotein Ibα Genotype and Ischemic Cerebrovascular Disease, 493
Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice, 2442. Editorial comment, 2448
Cerebral Microvascular Obstruction By Fibrin Is Associated With Upregulation of PAI-1 Acutely After Onset of Focal Embolic Ischemia in Rats, abstract, 1202
Evidence That High-Density Lipoprotein Cholesterol Is an Independent Predictor of Acute Platelet-Dependent Thrombus Formation, abstract, 803
Hyperhomocysteinemia: A Risk Factor for Central Retinal Vein Occlusion, abstract, 2529
Incidence and Risk Factors for Subtypes of Cerebral Infarction in a General Population: The Hisayama Study, 2616
Ischemic Stroke Subtypes: A Population-Based Study of Functional Outcome, Survival, and Recurrence, 1062
Low-Dose Oral Contraceptives and Acquired Resistance to Activated Protein C: A Randomised Cross-Over Study, abstract, 1205

Tissue plasminogen activator
Combined Intravenous and Intra-Arterial Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke, 2552
Effect of Intravenous Recombinant Tissue Plasminogen Activator on Ischemic Stroke Lesion Size Measured by Computed Tomography, 2912
Effectiveness of t-PA in Acute Ischemic Stroke: Outcome Relates to Appropriateness, abstract, 1468
Finding the Most Powerful Measures of the Effectiveness of Tissue Plasminogen Activator in the NIN tPA Stroke Trial, 2335
Intravenous Tissue-Type Plasminogen Activator For Treatment of Acute Stroke: The Standard Treatment With Alteplase to Reverse Stroke (STARS) Study, abstract, 1796
One-Year Follow-Up in Acute Stroke Patients Treated With rtPA in Clinical Routine, 1552
Open Label Tissue Plasminogen Activator for Stroke: The Oregon Experience, abstract, 550
Plasminogen Activation in Focal Cerebral Ischemia and Reperfusion, abstract, 1794
Postischemic Attenuation of Cerebral Artery Reactivity Is Increased in the Presence of Tissue Plasminogen Activator, 940
Presence of Tissue Plasminogen Activator. Editorial comment, 945
The rtPA (Alteplase) 0- to 6-Hour Acute Stroke Trial, Part A (A0276g): Results of a Double-Blind, Placebo-Controlled, Multicenter Study, 811
Tissue Plasminogen Activator and Plasminogen Activator Inhibitor in Patients With Acute Ischemic Stroke: Relation to Stroke Etiology, abstract, 994
tPA: A Rural Network Experience, letter, 1457. Response, 1457
Treating Acute Stroke Patients With Intravenous tPA: The OSF Stroke Network Experience, 77
Use of Tissue-Type Plasminogen Activator For Acute Ischemic Stroke: The Cleveland Area Experience, abstract, 1796

Tomography, emission computed
Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking After Acute Stroke in Pigs: Comparison With [^{15}O]H_2O Positron Emission Tomography, 1958. Editorial comment, 1964
Contrast-Enhanced Transcranial Color-Coded Sonography in Acute Cerebral Infarction, letter, 2025. Response, 2026
Early [^{11}C]Flumazenil/H_2O Positron Emission Tomography Predicts Irreversible Ischemic Cortical Damage in Stroke Patients Receiving Acute Thrombolytic Therapy, 366
Early X-Ray Hypoattenuation of Brain Parenchyma Indicates Extended Critical Hypoperfusion in Acute Stroke, 133
Late Resolution of Diffusion-Weighted MRI Changes in a Patient With Prolonged Reversible Ischemic Neurological Deficit After Thrombolytic Therapy, 2715
Loss of Psychic Self-Activation After Paramedian Bithalamic Infarction, 1762
Noninvasive Measurement of Cerebral Blood Flow With ^{99m}Tc-Hexamethylpropyleneamine Oxime Single-Photon Emission Computed Tomography and 1-Point Venous Blood Sampling, 2203
Piracetam Improves Activated Blood Flow and Facilitates Rehabilitation of Poststroke Aphasic Patients, 2112
Reperfusion and Metabolic Recovery of Brain Tissue and Clinical Outcome After Ischemic Stroke and Thrombolytic Therapy, 1545

"Self-Fulfilling Prophecy" or Recognition Requires a Concept of Perception, letter, 231. Response, 232
Significance of Increased Oxygen Extraction Fraction in Five-Year Prognosis of Major Cerebral Arterial Occlusive Diseases, abstract, 1203

Tomography, x-ray computed
Computed Tomographic Angiography Versus Digital Subtraction Angiography for the Diagnosis and Early Treatment of Ruptured Intracranial Aneurysms, abstract, 993
Detection of Early CT Signs of >⅓ Middle Cerebral Artery Infarctions: Interrater Reliability and Sensitivity of CT Interpretation by Physicians Involved in Acute Stroke Care, 1667
Disturbed Diffusion and X-Ray Hypoattenuation in Acute Stroke, letter, 232. Response, 233
Early X-Ray Hypoattenuation of Brain Parenchyma Indicates Extended Critical Hypoperfusion in Acute Stroke, 133
Effect of Intravenous Recombinant Tissue Plasminogen Activator on Ischemic Stroke Lesion Size Measured by Computed Tomography, 2912
Functional and Neuroanatomic Correlations in Poststroke Depression: The Sunnybrook Stroke Study, 637
Hemodynamic Assessment of Acute Stroke Using Dynamic Single-Slice Computed Tomographic Perfusion Imaging, abstract, 3088
Internal Borderzone Infarction: A Marker for Severe Stenosis in Patients With Symptomatic Internal Carotid Artery Disease, 631
Neuroimaging in Deteriorating Patients With Cerebellar Infarcts and Mass Effect, 2062
Nitric Oxide–Related Brain Damage in Acute Ischemic Stroke, 852
Prediction of Functional Outcome and In-Hospital Mortality After Admission With Oral Anticoagulant-Related Intracerebral Hemorrhage, 2558
Prehospital and Emergency Department Delays After Acute Stroke: The Genentech Stroke Presentation Survey, 2585
Quantitative Analysis of the Loss of Distinction Between Gray and White Matter in Comatose Patients After Cardiac Arrest:, 2163
Three-Dimensional Computerized Tomography Angiography in Patients With Hyperacute Intracerebral Hemorrhage, abstract, 240
Validity and Reliability of a Quantitative Computed Tomography Score in Predicting Outcome of Hyperacute Stroke Before Thrombolytic Therapy, abstract, 2283

Transcranial magnetic stimulation
Facial Palsy in Cerebral Venous Thrombosis: Transcranial Stimulation and Pathophysiological Considerations, 1766

Transcription, genetic
Hypertonic Mannitol Loading of NF-κB Transcription Factor Decoys in Human Brain Microvascular Endothelial Cells Blocks Upregulation of ICAM-1, 1179. Editorial comment, 1186

Transforming growth factors
Analysis of Endoglin Expression in Normal Brain Tissue and in Cerebral Arteriovenous Malformations, 2653

Trauma
Regional Cerebral Blood Flow After Cortical Impact Injury Complicated by a Secondary Insult in Rats, 961. Editorial comment, 967

Treatment outcome
Cochrane Report: A Systematic Review of Mannitol Therapy for Acute Ischemic Stroke and Cerebral Parenchymal Hemorrhage, 2719
Decreased Severity of Brain Infarct Can in Part Explain the Decreasing Case Fatality Rate of Stroke, 651
Objective Measurement of Functional Upper-Extremity Movement Using Accelerometer Recordings Transformed With a Threshold Filter, 662
Treatment in the Stroke Unit, 2267. Response, 2267
Trials of Thrombolysis in Acute Ischemic Stroke: Does the Choice of Primary Outcome Measure Really Matter? 1133

Tregnatrienes
Tirilazad Mesylate in Acute Ischemic Stroke: A Systematic Review, 2257

Triamcinolone
Effect of Triamcinolone Acetonide Injections on Hemiplegic Shoulder Pain: A Randomized Clinical Trial, 2396

Tropoelastin
Mutations in the Tropoelastin Gene (ELN) Were Not Found in Patients With Spontaneous Cervical Artery Dissections, 1935

Tumor necrosis factor
Metalloproteinase Inhibition Reduces Thrombolytic (Tissue Plasminogen Activator)-Induced Hemorrhage After Thromboembolic Stroke, 3034. Editorial comment, 3039
Proinflammatory Cytokines and Early Neurological Worsening in Ischemic Stroke, 2325

U

Ulcer
Three-Dimensional Ultrasound Observation of Carotid Artery Plaque Ulceration, 1651

Ultrasonography
Accuracy and Criteria for Localizing Arterial Occlusion With Transcranial Doppler, abstract, 1204
Age and Sex Differences in the Distribution and Ultrasound Morphology of Carotid Atherosclerosis: The Tromsø Study, abstract, 998
Cerebral Autoregulation in Subjects Adapted and Not Adapted to High Altitude, 2314
Carotid Artery Intima-Media Thickness Measured by Ultrasonography in Normal Clinical Practice Correlates Well With Atherosclerosis Risk Factors, 2426
Clinical Relevance of Detecting Asymptomatic Embolic Signals in Acute Stroke, letter, 1785. Response, 1786
Common Carotid Artery Intima-Media Thickness and Brain Infarction: The Étude du Profil Génétique de l'Infarctus Cérébral (GÉNIC) Case-Control Study, abstract, 3088
Comparison of Intra-Arterial Digital Subtraction Angiography, Magnetic Resonance Angiography and Duplex Ultrasonography For Measuring Carotid Artery Stenosis, abstract, 804
Comparison of Transcranial Color-Coded Duplex Sonography and Cranial CT Measurements for Determining Third Ventricle Midline Shift in Space-Occupying Stroke, abstract, 554
Continuous Infusion Versus Bolus Injection Of Ultrasound Contrast Agents in Vascular Doppler Flow Imaging, 2277. Response, 2278
Contrast Enhanced Color Duplex for Diagnosis of Subtotal Stenosis or Occlusion of the Internal Carotid Artery, abstract, 2033
Contrast Transcranial Doppler Ultrasound in the Detection of Right-to-Left Shunts : Time Window and Threshold in Microbubble Numbers, 1640
Detection of Stenoses in The Anterior Circulation Using Frequency-Based Transcranial Color-Coded Sonography, abstract, 2533
Deterioration Following Spontaneous Improvement: Sonographic Findings in Patients With Acutely Resolving Symptoms of Cerebral Ischemia, 915
Effect of An Internal Carotid Stenosis on Orbital Blood Velocity, abstract, 245
Effect of Contralateral Carotid Artery Stenosis on Carotid Ultrasound Velocity Measurements, 2636
The Effect of Contrast Material on Transcranial Doppler Evaluation of Normal Middle Cerebral Artery Peak Systolic Velocity, abstract, 1795
Effects of Stress Reduction on Carotid Atherosclerosis in Hypertensive African Americans, 568
Evaluation of Carotid Stenosis by Angiography: Potential Bias Toward Overestimated Measurements Introduced by Prior Interpretation of Doppler Sonograms, abstract, 2283
Evaluation of New Online Automated Embolic Signal Detection Algorithm, Including Comparison With Panel of International Experts, 1335
Evaluation of Posterior Cerebral Artery Flow Velocity by Transcranial Color-Coded Real-Time Sonography, abstract, 2033
Gender-Related Differences in Acetazolamide-Induced Cerebral Vasodilatory Response: A Transcranial Doppler Study, abstract, 2532
Harmonic Imaging of the Human Brain: Visualization of Brain Perfusion With Ultrasound, 151
The Impact of Raised Intracranial Pressure on Cerebral Venous Hemodynamics: A Prospective Venous Transcranial Doppler Ultrasonography Study, abstract, 805

Intracranial Clot Dissolution Is Associated With Embolic Signals on Transcranial Doppler, abstract, 1204
The Limitations of Carotid Sonography: Interpretive and Technology-Related Errors, abstract, 997
Measurement of Cerebral Blood Flow Volume in Healthy Adults Using Color Duplex Sonography, 2026
Noninvasive Cerebrovascular Assessment of Takayasu Arteritis, 2197
Plaque Morphology Correlates With Cerebrovascular Symptoms in Patients With Complex Aortic Arch Plaque, abstract, 1203
Potential of Carotid Enlargement as a Useful Indicator Affected by High Blood Pressure in a Large General Population of a Japanese City: The Suita Study, 2958
Prediction of Mortality by Ultrasound Screening of a General Population for Carotid Stenosis: The Tromsø Study, 1871
A Rational Algorithm for Duplex Scan Surveillance After Carotid Endarterectomy, abstract, 245
Reproducibility of Computer-Quantified Carotid Plaque Echogenicity: Can We Overcome the Subjectivity? 2189
Reproducibility Validation Study Comparing Analog and Digital Imaging Technologies for the Measurement of Intima-Media Thickness, 1104
Serum Ferritin and C282Y Mutation of the Hemochromatosis Gene as Predictors of Asymptomatic Carotid Atherosclerosis in a Community Population, 3015
Sex Differences in the Relationship of Risk Factors to Subclinical Carotid Atherosclerosis Measured 5 Years Later: The Tromsø Study, 574
Three-Dimensional Ultrasound Observation of Carotid Artery Plaque Ulceration, 1651
Transcranial Doppler Ultrasound Criteria for Recanalization After Thrombolysis for Middle Cerebral Artery Stroke, 1128
Transcranial Doppler Waveform Blunting in Severe Extracranial Carotid Artery Stenosis, abstract, 1471
Ultrasonic Assessment of Brain Perfusion, letter, 1460. Response, 1462
Ultrasound Perfusion Imaging of the Human Brain, 2421
Use of Ultrasound Contrast in the Diagnosis of Carotid Artery Occlusion, abstract, 2033
Usefulness of Carotid Intima-Media Thickness Measurement and Peripheral B-Mode Ultrasound Scan in the Clinical Screening of Patients With Coronary Artery Disease, abstract, 2284
Visualization of Brain Perfusion With Harmonic Gray Scale and Power Doppler Technology: An Animal Pilot Study, 1728. Editorial comment, 1733
Visualization of the Basilar Artery By Transcranial Color-Coded Duplex Sonography: Comparison With Postmortem Results, 1123

Ultrasonography, Doppler

Brain Natriuretic Peptide and Cerebral Vasospasm in Subarachnoid Hemorrhage: Clinical and TCD Correlations, 118
Continuous Infusion Versus Bolus Injection Of Ultrasound Contrast Agents in Vascular Doppler Flow Imaging, letter, 2277. Response, 2278
Impairment of Cerebrovascular Reactivity by Methionine-Induced Hyperhomocysteinemia and Amelioration by Quinapril Treatment, 2907
Preferred Technique for Blood Flow Volume Measurement in Cerebrovascular Disease, 1342
Relationship Between Pattern of Intracranial Artery Abnormalities on Transcranial Doppler and Oxfordshire Community Stroke Project Clinical Classification of Ischemic Stroke, 714
Specific Transcranial Doppler Flow Findings Related to the Presence and Site of Arterial Occlusion, 140
Stimulated Acoustic Emission Detected by Transcranial Color Doppler Ultrasound: A Contrast-Specific Phenomenon Useful for the Detection of Cerebral Tissue Perfusion, 1661

Ultrasonography, Doppler, color

Stimulated Acoustic Emission Detected by Transcranial Color Doppler Ultrasound: A Contrast-Specific Phenomenon Useful for the Detection of Cerebral Tissue Perfusion, 1661

Ultrasonography, Doppler, duplex

Benefit of Echocontrast-Enhanced Transcranial Color-Coded Duplex Ultrasound in the Assessment of Intracranial Collateral Pathways, 920
Collateral Configuration of the Circle of Willis: Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy, 1346
Collateral Variations in Circle of Willis in Atherosclerotic Population Assessed by Means of Transcranial Color-Coded Duplex Ultrasonography, 1656
Color Duplex Measurement of Cerebral Blood Flow Volume in Healthy Adults, 147
DIAS I: Duplex-Sonographic Assessment of the Cerebrovascular Status in Acute Stroke: A Useful Tool for Future Stroke Trials, 2342
Duplex Scanning of the Ophthalmic Artery and Carotid Endarterectomy. Letter, 235. Response, 235
Visualization of the Basilar Artery By Transcranial Color-Coded Duplex Sonography: Comparison With Postmortem Results, 1123

Ultrasonography, Doppler, transcranial

Arterial Pulsatility as an Index of Cerebral Microangiopathy in Diabetes, 1111
Assessment of the Thigh Cuff Technique for Measurement of Dynamic Cerebral Autoregulation, 476
Association of Intraoperative Transcranial Doppler Monitoring Variables With Stroke From Carotid Endarterectomy, 1817
Asymptomatic Embolization Predicts Stroke and TIA Risk in Patients With Carotid Artery Stenosis. Letter to the Editor, 544. Response, 544
Carotid and Transcranial Color-Coded Duplex Sonography in Different Types of Carotid-Cavernous Fistula, 701
Cerebral Microembolism Detected by Transcranial Doppler During Cardiac Procedures, 2508
Clinical Relevance of Detecting Asymptomatic Embolic Signals in Acute Stroke, letter, 1785. Response, 1786
Comparison of Microembolism Detected by Transcranial Doppler and Neuropsychological Sequelae of Carotid Surgery and Percutaneous Transluminal Angioplasty, 1329
Contrast-Enhanced Transcranial Color-Coded Sonography in Acute Cerebral Infarction, letter, 2025
Dynamic Cerebral Autoregulation Is Unaffected by Aging, 2895
Effect of Short-Term Hyperventilation on Cerebral Blood Flow Autoregulation in Patients With Acute Bacterial Meningitis, 1116
High Rate of Complete Recanalization and Dramatic Clinical Recovery During tPA Infusion When Continuously Monitored With 2-MHz Transcranial Doppler Monitoring, 610. Letter, 3080. Response, 3080
Identification Of Echocardiographic "Smoke" in a Bench Model With Transcranial Doppler Ultrasound, 907
MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis, 1672
Orthostatic Tolerance, Cerebral Oxygenation, and Blood Velocity in Humans With Sympathetic Failure, 1608
The Quest for Early Predictors of Stroke Evolution: Can TCD Be a Guiding Light? 2942
Reduced Vasomotor Reactivity in Cerebral Microangiopathy: A Study With Near-Infrared Spectroscopy and Transcranial Doppler Sonography, 924
TCD in Acute Stroke. Letter to the Editor, 234. Response, 234
Timing of Recanalization After Tissue Plasminogen Activator Therapy Determined by Transcranial Doppler Correlates With Clinical Recovery From Ischemic Stroke, 1812
Use of Transcranial Doppler Ultrasound to Predict Outcome in Patients With Intracranial Large-Artery Occlusive Disease, 2641

Urinary incontinence

Prevalence and Impact of Urinary Symptoms Among Community-Dwelling Stroke Survivors, 886

Urokinase

Microcatheter Intrathecal Urokinase Infusion Into Cisterna Magna for Prevention of Cerebral Vasospasm: Preliminary Report, 2141
Stereotactic Computed Tomographic–Guided Aspiration and Thrombolysis of Intracerebral Hematoma: Protocol and Preliminary Experience, 834
Treatment of Intraventricular Hemorrhage With Urokinase: Effects on 30-Day Survival, 841

Urokinase Cisternal Irrigation Therapy for Prevention of Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Study of Urokinase Concentration and the Fibrinolytic System, 1256

V

Validity
Clinical Meaning of the Stroke-Adapted Sickness Impact Profile-30 and the Sickness Impact Profile-136, 2610
Vascular malformations
Bleeding Risk of Cerebrovascular Malformations in Hereditary Hemorrhagic Telangiectasia, abstract, 2285
Ultrastructural Pathological Features of Cerebrovascular Malformations: A Preliminary Report, abstract, 2534
Vasculitis
Noninvasive Cerebrovascular Assessment of Takayasu Arteritis, 2197
Vasodilation
Is the Acetazolamide Test Valid for Quantitative Assessment of Maximal Cerebral Autoregulatory Vasodilation? 2271. Response, 2272
Vasomotor reactivity
Adaptive Remodeling of Internal Elastic Lamina and Endothelial Lining During Flow-Induced Arterial Enlargement, abstract, 553
CO_2 Reactivity Measured by Perfusion MRI During Transient Focal Cerebral Ischemia in Rats, 2236. Editorial comment, 2243
A Comparison of Cerebral Hemodynamic Parameters Between Transient Monocular Blindness Patients, Transient Ischemic Attack Patients and Control Subjects, abstract, 2738
Dynamic but Not Static Cerebral Autoregulation Is Impaired in Acute Ischaemic Stroke, abstract, 1795
Effects of Graded Hyperventilation on Cerebral Blood Flow Autoregulation in Experimental Subarachnoid Hemorrhage, abstract, 2029
Gender-Related Differences in Acetazolamide-Induced Cerebral Vasodilatory Response: A Transcranial Doppler Study, abstract, 2532
Impaired Cerebral Vasoreactivity and Risk of Stroke in Patients With Asymptomatic Carotid Artery Stenosis, abstract, 2030
Patterns of Cerebrovascular Reactivity in Patients With Carotid Artery Occlusion and Severe Contralateral Stenosis, abstract, 805
Reduced Vasomotor Reactivity in Cerebral Microangiopathy: A Study With Near-Infrared Spectroscopy and Transcranial Doppler Sonography, 924
The Value of Acetazolamide Single Photon Emission Computed Tomography Scans in the Preoperative Evaluation of Asymptomatic Critical Carotid Stenosis, abstract, 554
Vasospasm
Adrenomedullin in Patients With Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 3082
Brain Natriuretic Peptide and Cerebral Vasospasm in Subarachnoid Hemorrhage: Clinical and TCD Correlations, 118
Effect of Adenovirus-Mediated Nitric Oxide Synthase Gene Transfer on Vasospasm After Experimental Subarachnoid Hemorrhage, abstract, 2280
Effect of an Antioxidant, Ebselen, on Development of Chronic Cerebral Vasospasm After Subarachnoid Hemorrhage in Primates, abstract, 2529
Endothelin-1 in Subarachnoid Hemorrhage: An Acute-Phase Reactant Produced by Cerebrospinal Fluid Leukocytes, 2971
Impact of Cerebral Microcirculatory Changes on Cerebral Blood Flow During Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage, 1621
Increased Cerebral Blood Flow but No Reversal or Prevention of Vasospasm in Response to L-Arginine Infusion After Subarachnoid Hemorrhage, abstract, 1199
Microcatheter Intrathecal Urokinase Infusion Into Cisterna Magna for Prevention of Cerebral Vasospasm: Preliminary Report, 2141
Reversal of Cerebral Vasospasm by the Nitric Oxide Donor SNAP in An Experimental Model of Subarachnoid Haemorrhage, abstract, 1467
Systemic Administration of Mexiletine for Attenuation of Cerebral Vasospasm Following Experimental Subarachnoid Haemorrhage, abstract, 2528
Thin and Thick Filament Regulation of Contractility in Experimental Cerebral Vasospasm, abstract, 1468
Thrombin Reduces Cerebral Arterial Contractions Caused by Cerebrospinal Fluid From Patients With Subarachnoid Hemorrhage, 2149
Urokinase Cisternal Irrigation Therapy for Prevention of Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Study of Urokinase Concentration and the Fibrinolytic System, 1256
Venous thrombosis
Cerebral Venous Thrombosis and the G20210A Mutation of Factor II, letter, 543. Response, 543
Clinical Patterns of Neurological Involvement in Behçet's Disease: Evaluation of 200 Patients, abstract, 801
Ventilators, mechanical
Cost and Outcome of Mechanical Ventilation for Life-Threatening Stroke, 2346
Vertebral artery
Posterior Circulation Ischemia: Then, Now, and Tomorrow: The Thomas Willis Lecture—2000, 2011
Surgical Reconstruction of the Extracranial Vertebral Artery: Management and Outcome, abstract, 1472
Transfemoral Digital Subtraction Angiography for Assessment of Vertebral Artery Occlusion in Rats, 1789
Vertebrobasilar circulation
Posterior Circulation Ischemia: Then, Now, and Tomorrow: The Thomas Willis Lecture—2000, 2011
Viruses
Are Morphological or Functional Changes in the Carotid Artery Wall Associated With Chlamydia pneumoniae, Helicobacter pylori, Cytomegalovirus, or Herpes Simplex Virus Infection? 2127

W

Wallerian degeneration
MRI Pontine Hyperintensity After Supratentorial Ischemic Stroke Relates to Poor Clinical Outcome, 695
Warfarin
Adverse Outcomes and Predictors of Underuse of Antithrombotic Therapy in Medicare Beneficiaries With Chronic Atrial Fibrillation, 822
Effects of Fixed Low-Dose Warfarin, Aspirin-Warfarin Combination Therapy, and Dose-Adjusted Warfarin on Thrombogenesis in Chronic Atrial Fibrillation, 828
Optimal Intensity of Warfarin Therapy for Secondary Prevention of Stroke in Patients With Nonvalvular Atrial Fibrillation: A Multicenter, Prospective, Randomized Trial, 817
Oral Anticoagulation Self-Management and Management by a Specialist Anticoagulation Clinic: A Randomised Cross-Over Comparison, abstract, 2740
Prediction of Functional Outcome and In-Hospital Mortality After Admission With Oral Anticoagulant-Related Intracerebral Hemorrhage, 2558
Prospective Cohort Study to Determine If Trial Efficacy of Anticoagulation for Stroke Prevention in Atrial Fibrillation Translates Into Clinical Effectiveness, abstract, 2284
A Prospective Controlled Trial Comparing Weekly Self-Testing and Self-Dosing With the Standard Management of Patients on Stable Oral Anticoagulation, abstract, 2534
Prospective Study of the Outcomes of Ambulatory Patients With Excessive Warfarin Anticoagulation, abstract, 2533
Use of Factor IX Complex in Warfarin-Related Intracranial Hemorrhage, abstract, 805
Warfarin for Stroke Prevention Still Underused in Atrial Fibrillation: Patterns of Omission, 1217
Warfarin Use Among Ambulatory Patients With Nonvalvular Atrial Fibrillation: The AnTicoagulation and Risk Factors in Atrial Fibrillation (ATRIA) Study, abstract, 1202
Western Australia
Predictors of Death and Vascular Events in the Elderly: The Perth Community Stroke Study, 863

Whipple's disease
An Uncommon Cause of Recurrent Strokes: Tropheryma whippelii Endocarditis, 2002
White matter
The *N*-Methyl-D-Aspartate Antagonist CNS 1102 Protects Cerebral Gray and White Matter From Ischemic Injury Following Temporary Focal Ischemia in Rats, 1709. Editorial comment, 1714
Absence of Selective Deep White Matter Ischemia in Chronic Carotid Disease: A Positron Emission Tomographic Study of Regional Oxygen Extraction, abstract, 2283
Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly, 425
Corpus Callosum Atrophy in Patients With Leukoaraiosis May Indicate Global Cognitive Impairment, 1515
Effect of the Apolipoprotein E ϵ4 Allele on White Matter Hyperintensities in Dementia, 1263
Impact of White Matter Changes on Clinical Manifestation of Alzheimer's Disease: A Quantitative Study, 2182
MRI Pontine Hyperintensity After Supratentorial Ischemic Stroke Relates to Poor Clinical Outcome, 695
Vascular Cell Components of the Medullary Arteries in Binswanger's Disease Brains: A Morphometric and Immunoelectron Microscopic Study, 1838
Women
Ischemic Stroke in Young Women: Risk of Recurrence During Subsequent Pregnancies, abstract, 2735
LY353381.HCl, a Selective Estrogen Receptor Modulator, and Experimental Stroke, 3041. Editorial comment, 3046
World Health Organization
A Multinational Comparison of Subarachnoid Hemorrhage Epidemiology in the WHO MONICA Stroke Study, 1054

Y

Young adults
Significant Association of Atrial Vulnerability With Atrial Septal Abnormalities in Young Patients With Ischemic Stroke of Unknown Cause, 398